

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:17:07 ; Search time 93.3848 Seconds
(without alignments)
1387.335 Million cell updates/sec

Title: US-09-904-532B-127_COPY_30_282
Perfect score: 1354
Sequence: 1 GLEAAASPLSTPTSAAGP.....GLLVAMKESLLISEBQKTSIP 253

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1612378 seqs, 512079187 residues
Total number of hits satisfying chosen parameters: 1612378

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries

Database : Uniprot_03:.*
1: uniprot_sprot:.*
2: uniprot_trembl:.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1354	100.0	282	2	Q9NPF0
2	698.5	51.6	260	2	Q9Z1P5
3	698.5	51.6	260	2	Q641V7
4	692.5	51.1	260	2	Q9CWC2
5	690.5	51.0	260	2	Q8C2Q4
6	319	23.6	198	2	Q7T5W0
7	279	20.6	355	2	Q802V2
8	278.5	20.6	1444	2	Q7QGV0
9	277	20.5	873	1	LDVR_HUMAN
10	277	20.5	873	2	Q6S4M1
11	276.5	20.4	752	2	Q8NAN7
12	276.5	20.4	847	2	Q90W12
13	274.5	20.3	845	2	Q911Y0
14	274.5	20.3	873	1	LDVR_MOUSE
15	274	20.2	845	2	Q77505
16	272.5	20.1	863	1	LDVR_CHICK
17	270.5	20.0	873	1	LDVR_RAT
18	270	19.9	844	2	Q7ZTG7
19	268.5	19.8	996	1	LRP8_MOUSE
20	267	19.7	844	2	Q6Y857
21	264.5	19.5	891	2	Q7YW57
22	262	19.4	869	2	Q42126
23	262	19.4	873	1	LDVR_RABIT
24	261.5	19.3	917	1	LDVR_CHICK
25	261.5	19.3	1081	2	Q8T4N8
26	261	19.3	869	2	Q6NS01
27	261	19.3	5141	2	Q700K0
28	258.5	19.1	963	1	LRP8_HUMAN
29	258	19.1	1156	2	Q963T3
30	255.5	18.9	4660	1	LRP2_RAT
31	255	18.8	379	2	Q7SXV0

32	253.5	18.7	1537	2	Q8WY29
33	253.5	18.7	4599	1	LR1B_HUMAN
34	252.5	18.6	891	2	Q7T2X3
35	251	18.5	4544	1	LRP1_HUMAN
36	251	18.5	4545	2	Q912X7
37	251	18.5	4545	2	Q920Y4
38	251	18.5	4545	2	Q61291
39	250	18.5	4071	2	Q6K2D1
40	250	18.5	4543	1	LRP1_CHICK
41	249.5	18.4	4998	2	Q8CG65
42	249	18.4	591	2	Q6LEN5
43	247	18.2	883	2	Q46131
44	245.5	18.1	4753	1	LRP_CAEEL
45	245	18.1	2214	1	SORL_HUMAN
46	244	18.0	4599	1	LR1B_MOUSE
47	243.5	18.0	4569	2	Q7PS35
48	243	17.9	870	2	Q02660
49	243	17.9	5146	2	Q8SPM4
50	242.5	17.9	1581	2	Q73809
51	241	17.8	2215	1	SORL_MOUSE
52	241	17.8	4547	2	Q9W343
53	239	17.7	4655	1	LRP2_HUMAN
54	239	17.7	4655	2	Q725C0
55	239	17.7	4655	2	Q725C1
56	237.5	17.5	820	2	Q96NT6
57	237.5	17.5	1614	1	LRP5_MOUSE
58	237.5	17.5	1731	2	Q8WY30
59	237.5	17.5	2192	2	Q01768
60	237	17.5	1782	2	Q6X0I2
61	236.5	17.5	202	2	Q9NPM0
62	236.5	17.5	1322	2	Q76B61
63	236	17.4	2213	1	SORL_RABIT
64	235.5	17.4	883	2	Q9VBN1
65	235.5	17.4	1031	2	Q9VBN0
66	235.5	17.4	1037	2	Q6NP66
67	234.5	17.3	996	2	Q6NP71
68	234	17.3	909	2	Q7JEP81
69	234	17.3	911	2	Q7JP80
70	234	17.3	1650	2	Q9QVT6
71	233.5	17.2	1252	2	Q9Y0D0
72	233.5	17.2	4699	2	Q9V383
73	233	17.2	1952	2	Q9SSN5
74	232.5	17.2	739	2	Q8IGR9
75	232.5	17.2	1064	2	Q7YU01
76	232.5	17.2	1069	2	Q9VBN2
77	232.5	17.2	4569	2	Q7PV66
78	232	17.1	1935	2	Q6QHS3
79	231	17.1	1068	2	Q6QHS4
80	229.5	16.9	1984	1	YL_DROME
81	229	16.9	1142	2	Q26615
82	227	16.8	4391	1	PGBM_HUMAN
83	226.5	16.7	837	2	Q9UH51
84	226.5	16.7	860	1	LDLR_HUMAN
85	226	16.7	837	1	LDLR_RABIT
86	225.5	16.7	1605	2	Q8AYF1
87	225	16.6	749	2	Q7QK77
88	224.5	16.6	1615	2	Q9UES7
89	224	16.5	3215	2	Q8IRV7
90	224	16.5	4117	2	Q8IRV9
91	224	16.5	4179	2	Q9W4Y4
92	223.5	16.5	4228	2	Q8IRV8
93	223.5	16.5	909	1	LDL1_XENLA
94	223.5	16.5	1117	2	Q6E0K3
95	223.5	16.5	1592	1	SORL_CHICK
96	223.5	16.5	1615	1	LRP5_HUMAN
97	223.5	16.5	1950	1	LRP4_MOUSE
98	222.5	16.4	1905	1	LRP4_MOUSE
99	222.5	16.4	1905	1	LRP4_RAT
100	221.5	16.4	1905	2	Q761J2
101	220	16.2	853	2	Q6SAM2
102	220	16.2	1111	2	Q80YN4
103	220	16.2	1809	2	Q8MP02
104	219	16.2	1768	2	Q7QEK9

Q8WY29	homo sapien
Q9NZ22	homo sapien
Q7T2X3	gallus gall
Q07954	homo sapien
Q912X7	mus musculus
Q920Y4	mus musculus
Q61291	mus musculus
Q6K2D1	gallus gall
Q98157	gallus gall
Q8CG65	mus musculus
Q6LEN5	homo sapien
Q46131	locusta mig
Q04833	caenorhabdi
Q92673	h sortilin-
Q9J118	mus musculus
Q7PS35	anopheles g
Q02660	bos taurus
Q8SPM4	bos taurus
Q73809	fugu rubrip
Q88307	m sortilin-
Q9W343	drosophila
Q98164	homo sapien
Q725C0	homo sapien
Q725C1	homo sapien
Q96NT6	homo sapien
Q91VW0	mus musculus
Q8WY30	homo sapien
Q01768	caenorhabdi
Q6X0I2	solenopsis
Q9NPM0	homo sapien
Q76B61	homo sapien
Q95209	o sortilin-
Q9VBN1	drosophila
Q9VBN0	drosophila
Q6NP66	drosophila
Q6NP71	drosophila
Q7JP80	caenorhabdi
Q7JP80	caenorhabdi
Q9QVT6	rattus sp.
Q9Y0D0	hydra atten
Q9V383	drosophila
Q9SSN5	drosophila
Q8IGR9	drosophila
Q7YU01	drosophila
Q9VBN2	drosophila
Q7PV66	anopheles g
Q6QHS3	lytechinus
Q6QHS4	strongyloce
Q98163	drosophila
Q26615	strongyloce
Q98160	homo sapien
Q9UH51	homo sapien
P01130	homo sapien
F20083	oryctolagus
Q8AYF1	xenopus lae
Q7QK77	anopheles g
Q9UES7	homo sapien
Q8IRV7	drosophila
Q8IRV9	drosophila
Q9W4Y4	drosophila
Q8IRV8	drosophila
Q99087	xenopus lae
Q6E0K3	didelphis m
Q98930	g sortilin-
Q75197	homo sapien
Q75096	homo sapien
Q8V156	mus musculus
Q9QY1	rattus norv
Q761J2	rattus norv
Q6SAM2	macaca mula
Q80YN4	rattus norv
Q8MP02	periplaneta
Q7QEK9	anopheles g

105	217.5	16.1	925	2	O44191	O44191 caenorhabdi	178	171	12.6	645	2	Q7PY92	Q7py92 anopheles g
106	216.5	16.0	811	1	LDLR_PIG	Q28832 sus scrofa	179	170	12.6	280	2	Q7Q630	Q7q630 anopheles g
107	216.5	16.0	925	2	Q9UB94	Q9ub94 caenorhabdi	180	169	12.5	666	2	Q69BL0	Q69bl0 manduca sex
108	216.5	16.0	925	2	Q9UB95	Q9ub95 caenorhabdi	181	168	12.4	92	2	Q708V5	Q708v5 bos taurus
109	216	16.0	857	2	Q79708	Q79708 chloscylli	182	166	12.3	802	2	Q6UXD8	Q6uxd8 homo sapien
110	216	16.0	1113	1	CORI MOUSE	Q9z319 mus musculus	183	166	12.3	811	1	TMS6_HUMAN	Q8iu80 homo sapien
111	215.5	15.9	527	2	Q77501	Q77501 oryctolagus	184	166	12.3	824	2	Q6ICC2	Q6icc2 homo sapien
112	215.5	15.9	862	2	Q8VCT0	Q8vct0 mus musculus	185	166	12.3	905	2	O18260	O18260 caenorhabdi
113	215.5	15.9	862	2	Q91ZJ1	Q91zj1 mus musculus	186	165.5	12.2	250	2	Q21496	Q21496 caenorhabdi
114	215.5	15.9	1613	2	Q8AYF0	Q8ayf0 xenopus lae	187	165.5	12.2	628	2	Q9VER6	Q9ver6 drosophila
115	215	15.9	2009	2	Q9VXM0	Q9vxm0 drosophila	188	165	12.2	867	2	SSPO_BOVIN	P98167 bos taurus
116	215	15.8	3707	1	PGRM_MOUSE	Q05793 mus musculus	189	164.5	12.1	845	2	Q9DGR1	Q9dgr1 xenopus lae
117	214.5	15.8	864	1	LDLR_MOUSE	Q35951 mus musculus	190	163.5	12.1	520	2	Q6NPA8	Q6npa8 drosophila
118	214.5	15.8	1661	2	Q77244	Q77244 chlorohydra	191	162.5	12.0	859	1	LR12_HUMAN	Q9v561 homo sapien
119	214	15.8	854	1	LDLR_CRIGR	Q35950 cricetus	192	161.5	11.9	845	2	Q6GR54	Q6gr54 xenopus lae
120	214	15.8	1613	1	LRP6_HUMAN	Q75581 homo sapien	193	160.5	11.9	198	2	Q22179	Q22179 caenorhabdi
121	214	15.8	1613	1	LRP6_MOUSE	Q88572 mus musculus	194	160.5	11.9	701	1	LR12_MACFA	Q8buJ9 macaca fasc
122	212	15.7	1280	2	Q6QHS1	Q6qhs1 lytechinus	195	160.5	11.9	858	1	LR12_MOUSE	Q24110 drosophila
123	211.5	15.6	892	1	LDL2_XENLA	Q99088 xenopus lae	196	160	11.8	304	2	Q24110	Q24110 drosophila
124	211.5	15.6	925	2	Q9UAE4	Q9u4e4 caenorhabdi	197	160	11.8	1283	1	YL54_CAEEL	P34434 caenorhabdi
125	208	15.4	911	2	Q7ZZT0	Q7zzt0 brachydanio	198	158	11.7	208	2	Q7PQ5	Q7pqs5 anopheles g
126	208	15.4	2133	2	Q7PQ39	Q7pqg9 anopheles g	199	157.5	11.6	123	2	Q9W342	Q9w342 drosophila
127	208	15.4	2616	1	NDL DROME	P98159 drosophila	200	156.5	11.6	394	2	O62147	O62147 caenorhabdi
128	207.5	15.3	879	1	LDLR_RAT	P35952 rattus norv	201	152	11.2	214	2	Q9DFH4	Q9dfh4 xenopus lae
129	206	15.2	738	2	Q7QK75	Q7qk75 anopheles g	202	150.5	11.1	417	2	Q9W4Y3	Q9w4y3 drosophila
130	205.5	15.2	826	2	Q8E877	Q8eb77 drosophila	203	150.5	11.1	435	2	Q9NEF8	Q9nef8 drosophila
131	205.5	15.2	861	2	Q7YIT26	Q7yitz6 drosophila	204	149.5	11.0	238	2	Q6XA14	Q6xa14 branchiosto
132	205	15.1	1847	2	Q7YIT26	Q7yitz6 drosophila	205	149.5	11.0	1801	2	Q8WSJ2	Q8wsj2 bombyx mori
133	202.5	15.0	548	2	Q21629	Q21629 aedes aegypt	206	149	11.0	380	2	Q6NN57	Q6nn57 drosophila
134	202.5	15.0	572	2	Q8BIK6	Q8bik6 mus musculus	207	148.5	11.0	799	2	Q6PF94	Q6pf94 mus musculus
135	201	14.8	1042	1	CORI_HUMAN	Q9v5g5 homo sapien	208	148.5	11.0	811	1	TMS6_MOUSE	Q9dbi0 mus musculus
136	200.5	14.8	1034	2	Q6QHS2	Q6qhs2 lytechinus	209	148	10.9	881	2	Q8WY31	Q8wy31 homo sapien
137	197.5	14.6	2447	2	Q9NEF9	Q9nef9 drosophila	210	146.5	10.8	159	2	Q6JBY7	Q6jby7 gallus gall
138	197.5	14.6	4223	2	Q8MPN3	Q8mpn3 drosophila	211	145.5	10.7	319	2	Q9V6U6	Q9v6u6 drosophila
139	194	14.3	713	1	LR10_HUMAN	Q7z4f1 homo sapien	212	145.5	10.5	215	2	Q7PH69	Q7ph69 anopheles g
140	193.5	14.3	855	2	Q9YJ17	Q9yji7 rattus norv	213	142.5	10.5	652	1	CD93_HUMAN	Q9npv3 homo sapien
141	193.5	14.3	1264	2	Q26632	Q26632 strongyloce	214	142	10.5	1698	2	Q7PV65	Q7pv65 anopheles g
142	191.5	14.1	551	2	Q09967	Q09967 caenorhabdi	215	141	10.4	157	2	Q17496	Q17496 caenorhabdi
143	191	14.1	345	2	Q8NBJ0	Q8nbj0 homo sapien	216	140	10.3	122	2	Q6JBY8	Q6jby8 gallus gall
144	190.5	14.1	352	2	Q8NBJ0	Q8nbj0 homo sapien	217	138	10.2	846	2	Q7QF48	Q7qf48 anopheles g
145	190	14.0	331	2	Q8CDR7	Q8cdr7 m mus muscu	218	137.5	10.2	157	1	RSVR_COTJA	P98162 coturnix co
146	190	14.0	352	2	Q8CCS0	Q8ccs0 m mus muscu	219	137.5	10.2	435	1	TNR3_HUMAN	P36941 homo sapien
147	188.5	13.9	855	1	ST14_MOUSE	P56677 mus musculus	220	137.5	10.2	722	2	Q6NUF5	Q6nuf5 xenopus lae
148	187.5	13.8	572	2	Q7RTY8	Q7rty8 homo sapien	221	137.5	10.2	3767	1	MUA3_CAEEL	P34576 caenorhabdi
149	187.5	13.8	1430	2	Q7QJ48	Q7qj48 anopheles g	222	136.5	10.1	652	2	O81XK1	Q8ixk1 homo sapien
150	187	13.8	1859	2	Q7P528	Q7p528 anopheles g	223	136	10.0	479	2	Q69HR9	Q69hr9 ciona intes
151	186.5	13.8	1678	2	Q9SV09	Q9sv09 drosophila	224	136	10.0	868	2	Q9YIV3	Q9yiv3 polyandroca
152	186.5	13.8	1678	2	Q9NHE9	Q9nhe9 drosophila	225	131.5	9.7	752	2	Q93473	Q93473 caenorhabdi
153	186.5	13.8	1678	2	Q9V6Q0	Q9v6q0 drosophila	226	131	9.7	354	2	Q9XV21	Q9xv21 caenorhabdi
154	185.5	13.7	542	2	Q7PYJ9	Q7pyj9 anopheles g	227	131	9.6	1145	2	Q7QHH8	Q7qhh8 anopheles g
155	184.5	13.6	770	1	LRP3_RAT	Q88204 rattus norv	228	130.5	9.6	600	2	Q7ZTR2	Q7ztr2 xenopus lae
156	184	13.6	787	2	Q9VLZ6	Q9vlz6 drosophila	229	130.5	9.6	4006	2	O35452	O35452 mus musculus
157	183.5	13.6	770	1	LRP3_HUMAN	Q9v1z6 drosophila	230	130	9.6	577	1	TRBM_MOUSE	P15306 mus musculus
158	183	13.5	713	1	LR10_MOUSE	Q75074 homo sapien	231	130	9.6	584	2	O73920	O73920 oncorhynch
159	183	13.5	2389	2	Q6BBQ6	Q6btq7 mus musculus	232	130	9.6	619	2	O73921	O73921 oncorhynch
160	183	13.5	3375	1	UN52_CAEEL	Q6beq6 caenorhabdi	233	128.5	9.5	100	2	O864Z4	Q864z4 bos taurus
161	182.5	13.5	561	2	Q9XZM7	Q9xzm7 caenorhabdi	234	128.5	9.5	4114	2	O54796	O54796 mus musculus
162	182	13.4	1115	1	GPCR_LYNST	Q9xm7 strongyloce	235	128	9.5	767	2	Q9DGR2	Q9dgr2 xenopus lae
163	182	13.4	1616	2	Q7KUB3	P46023 lymaea sta	236	127	9.4	685	2	Q9TTS5	Q9tts5 bos taurus
164	182	13.4	1616	2	Q9VSJ0	Q7kub3 drosophila	237	127	9.4	966	2	O22378	O22378 caenorhabdi
165	181.5	13.4	2643	2	O01552	Q9vsj0 drosophila	238	126.5	9.3	463	2	Q39496	Q39496 cylindrothe
166	178	13.1	403	2	Q7PRL9	O01552 caenorhabdi	239	126.5	9.3	4288	1	Q9NPK9	Q9npk9 homo sapien
167	178	13.1	439	2	Q6PJ72	Q6pj72 homo sapien	240	126.5	9.3	4289	1	TENX_HUMAN	P22105 homo sapien
168	174.5	12.9	498	2	Q6GNE4	Q6pn72 homo sapien	241	125.5	9.3	934	2	Q7ZQ5	Q7zyq5 xenopus lae
169	174.5	12.9	758	2	Q6GNE3	Q6gne3 bombyx mori	242	125	9.2	134	2	Q95QH2	Q95qh2 caenorhabdi
170	174	12.9	339	2	Q7PUA1	Q7puai anopheles g	243	125	9.2	675	1	YMW2_CAEEL	P34504 caenorhabdi
171	173.5	12.8	422	2	Q8WVC1	Q8wvc1 homo sapien	244	125	9.2	967	2	Q6BEV9	Q6bev9 caenorhabdi
172	173.5	12.8	666	2	Q6VPJ8	Q6vpj8 drosophila	245	124	9.2	1656	2	Q21948	Q21948 caenorhabdi
173	173.5	12.8	855	1	ST14_HUMAN	Q9y5y6 homo sapien	246	123.5	9.1	2284	2	Q9VPG1	Q9vpq1 drosophila
174	172	12.7	663	2	Q6DEV0	Q6dev0 xenopus tro	247	123.5	9.1	3133	1	HMCT_BOMMO	P98092 bombyx mori
175	172	12.7	845	2	Q63ZQ6	Q63zq6 xenopus lae	248	122	9.0	286	2	O16148	O16148 schistosoma
176	171	12.6	292	2	Q86SW0	Q86sw0 homo sapien	249	121.5	9.0	197	2	Q6P8N3	Q6p8n3 mus musculus
177	171	12.6	296	2	Q7Z7K9	Q7z7k9 homo sapien	250	121.5	9.0	1208	2	Q80YA8	Q80ya8 mus musculus

Q7py92 anopheles g	Q7q630 anopheles g	Q69bl0 manduca sex	Q708v5 bos taurus	Q6uxd8 homo sapien	Q8iu80 homo sapien	Q6icc2 homo sapien	O18260 caenorhabdi	Q21496 caenorhabdi	Q9ver6 drosophila	P98167 bos taurus	SSPO_BOVIN	Q9DGR1 xenopus lae	Q6npa8 drosophila	Q9v561 homo sapien	Q6gr54 xenopus lae	Q22179 caenorhabdi	Q8buJ9 macaca fasc	Q24110 drosophila	P34434 caenorhabdi	Q7pqs5 anopheles g	Q9w342 drosophila	O62147 caenorhabdi	Q9dfh4 xenopus lae	Q9w4y3 drosophila	Q9nef8 drosophila	Q6xa14 branchiosto	Q8wsj2 bombyx mori	Q6nn57 drosophila	Q6pf94 mus musculus	Q9dbi0 mus musculus	Q8wy31 homo sapien	Q6jby7 gallus gall	Q9v6u6 drosophila	Q7ph69 anopheles g	Q9npv3 homo sapien	Q7pv65 anopheles g	Q17496 caenorhabdi	Q6jby8 gallus gall	Q7qf48 anopheles g	P98162 coturnix co	P36941 homo sapien	Q6nuf5 xenopus lae	P34576 caenorhabdi	Q8ixk1 homo sapien	Q69hr9 ciona intes	Q9yiv3 polyandroca	Q93473 caenorhabdi	Q9xv21 caenorhabdi	Q7qhh8 anopheles g	Q7ztr2 xenopus lae	O35452 mus musculus	P15306 mus musculus	O73920 oncorhynch	O73921 oncorhynch	Q864z4 bos taurus	O54796 mus musculus	Q9dgr2 xenopus lae	Q9tts5 bos taurus	O22378 caenorhabdi	Q39496 cylindrothe	Q9npk9 homo sapien	P22105 homo sapien	Q7zyq5 xenopus lae	Q95qh2 caenorhabdi	P34504 caenorhabdi	Q6bev9 caenorhabdi	Q21948 caenorhabdi	Q9vpq1 drosophila	P98092 bombyx mori	O16148 schistosoma	Q6p8n3 mus musculus	Q80ya8 mus musculus
--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------	-------------------	-------------------	------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	-------------------	--------------------	--------------------	-------------------	-------------------	--------------------	--------------------	-------------------	---------------------	---------------------	--------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	---------------------	---------------------	-------------------	-------------------	-------------------	---------------------	--------------------	-------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	-------------------	--------------------	--------------------	---------------------	---------------------

251	121.5	9.0	3523	2	Q7QCP4	Q7qcp4 anopheles g	324	112.5	8.3	549	2	Q6GM11	Q6gm11 xenopus lae
252	121	8.9	165	2	Q684H5	Q684h5 drosophila	325	112.5	8.3	564	2	Q7S2H4	Q7s2h4 neurospora
253	121	8.9	300	2	Q84BD4	Q84bd4 myxococcus	326	112.5	8.3	591	1	GRN_CAVPO	R28797 nevus porce
254	121	8.9	1176	2	Q6ZW16	Q6zw16 homo sapien	327	112.5	8.3	706	2	Q86H21	Q86h21 dictyosteli
255	121	8.9	2622	2	Q7PSV8	Q7psv8 anopheles g	328	112.5	8.3	955	2	Q96DN2	Q96dn2 homo sapien
256	120.5	8.9	947	2	Q8BKK7	Q8bkk7 mus musculu	329	112.5	8.3	1070	2	Q7R2W4	Q7r2w4 giardia lam
257	120.5	8.9	969	2	Q96KG6	Q96kg6 homo sapien	330	112.5	8.3	1704	2	Q94446	Q94446 chironomus
258	120.5	8.9	1140	2	Q80T91	Q80t91 mus musculu	331	112	8.3	1063	2	Q7QU10	Q7qu10 giardia lam
259	120.5	8.9	3396	2	Q9VM55	Q9vm55 drosophila	332	112	8.3	23015	2	Q81Q18	Q81q18 drosophila
260	120	8.9	333	1	EFL9_HUMAN	Q6uy11 homo sapien	333	111.5	8.2	143	1	MCS_MOUSE	P15265 mus musculu
261	120	8.9	600	1	EPL5_HUMAN	Q8hiu4 homo sapien	334	111.5	8.2	285	2	Q86H76	Q86h76 dictyosteli
262	120	8.9	1024	2	Q8MEZ8	Q8mrz8 drosophila	335	111.5	8.2	567	2	Q8WUL3	Q8wul3 homo sapien
263	120	8.9	1056	2	Q9W3H0	Q9w3h0 drosophila	336	111.5	8.2	744	2	Q7Q7D9	Q7q7d9 anopheles g
264	120	8.9	1428	2	Q44341	Q44341 halotia ru	337	111.5	8.2	945	1	GRAM_TRYBB	Q03650 trypanosoma
265	119	8.8	251	2	Q24774	Q24774 encyrtus	338	111.5	8.2	1140	2	Q96KG7	Q96kg7 homo sapien
266	119	8.8	251	2	Q701Q4	Q701q4 encyrtus	339	111.5	8.2	1140	2	Q68DE5	Q68de5 homo sapien
267	119	8.8	681	2	Q7Q554	Q7q554 anopheles g	340	111	8.2	357	2	Q97866	Q97866 us acrofa
268	119	8.8	1379	2	Q9VAN6	Q9van6 drosophila	341	111	8.2	467	2	Q800I0	Q800i0 gallus gall
269	119	8.8	1397	2	Q7KQO9	Q7kqo9 drosophila	342	111	8.2	483	1	LR11_MOUSE	Q8cb67 mus musculu
270	118.5	8.8	384	2	Q8T9J3	Q8t9j3 drosophila	343	111	8.2	507	2	Q61750	Q61750 rattus norv
271	118.5	8.8	613	2	Q03711	Q03711 xenopus lae	344	111	8.2	814	2	Q6ZWJ8	Q6zwj8 homo sapien
272	118	8.7	529	2	Q727D2	Q727d2 homo sapien	345	111	8.2	1427	2	Q96L37	Q96l37 homo sapien
273	118	8.7	617	2	Q8JTS1	Q8jts1 triakis scy	346	111	8.2	1551	2	Q9NGV4	Q9ngv4 drosophila
274	118	8.7	777	2	Q9VKQ0	Q9vkq0 drosophila	347	110.5	8.2	195	2	Q9NDT4	Q9ndt4 balanus amp
275	118	8.7	1917	2	Q86SV0	Q86sv0 mamestra co	348	110.5	8.2	200	2	Q6VQP0	Q6vqp0 crassostrea
276	118	8.7	1961	2	Q6MG89	Q6mg89 rattus norv	349	110.5	8.2	579	2	Q96DQ9	Q96dq9 homo sapien
277	117.5	8.7	461	2	P97883	P97883 rattus norv	350	110.5	8.2	579	2	Q9BY79	Q9by79 homo sapien
278	117.5	8.7	577	2	Q35370	Q35370 rattus norv	351	110.5	8.2	615	2	Q57409	Q57409 brachyomyo
279	117.5	8.7	4135	2	Q18977	Q18977 bos taurus	352	110.5	8.2	765	2	Q54183	Q54183 streptomyc
280	117	8.6	210	2	Q8IR71	Q8ir71 drosophila	353	110.5	8.2	2414	2	Q6DFL6	Q6df16 xenopus lae
281	117	8.6	360	2	Q86AK7	Q86ak7 dictyosteli	354	110.5	8.2	2468	2	Q800E4	Q800e4 brachydanio
282	117	8.6	515	2	Q6DRJ1	Q6drj1 brachydanio	355	110.5	8.2	3550	2	Q66GT4	Q66gt4 rattus norv
283	117	8.6	516	2	Q7T363	Q7t363 brachydanio	356	110	8.1	218	2	Q7XBJ3	Q7xj3 oryza sativ
284	117	8.6	721	2	Q95YGO	Q95ygo ciona savig	357	110	8.1	764	2	Q97343	Q97343 suberites d
285	117	8.6	2653	2	Q25253	Q25253 lucilia cup	358	110	8.1	1964	1	NTC4_MOUSE	P31695 mus musculu
286	116.5	8.6	826	2	Q8ND91	Q8nd91 homo sapien	359	110	8.1	3170	2	Q7PN80	Q7pn80 anopheles g
287	116.5	8.6	1084	2	Q9BP40	Q9bp40 halocynthia	360	109.5	8.1	382	1	EFL9_MOUSE	Q8kie3 mus musculu
288	116.5	8.6	1293	2	Q6CAT2	Q6cat2 yarrowia li	361	109.5	8.1	712	2	Q8IGX5	Q8igx5 drosophila
289	116	8.6	2037	2	Q7QFS2	Q7qfs2 anopheles g	362	109.5	8.1	761	2	Q9BHY3	Q9bhx3 leishmania
290	115.5	8.5	452	2	Q8SXY5	Q8sxy5 drosophila	363	109.5	8.1	1959	1	AGR_N_RAT	P25304 rattus norv
291	115.5	8.5	1214	2	Q90YD2	Q90yd2 xenopus lae	364	109.5	8.1	2169	2	Q7R3M1	Q7r3m1 giardia lam
292	115.5	8.5	1315	2	Q71JF2	Q71jf2 mus musculu	365	109	8.1	259	1	T10C_HUMAN	Q14798 h tumor nec
293	115.5	8.5	3014	1	CLR1_HUMAN	Q9nyg6 homo sapien	366	109	8.1	259	2	Q6FH98	Q6fh98 homo sapien
294	115	8.5	586	1	CO9_FUGRU	P79755 fugu rubrip	367	109	8.1	299	2	Q6UXM5	Q6uxm5 mus sapien
295	115	8.5	1569	2	Q6W4X9	Q6w4x9 mus sapien	368	109	8.1	299	2	Q8BX64	Q8bx64 mus musculu
296	114.5	8.5	356	1	TRBM_BOVIN	P06579 bos taurus	369	109	8.1	499	2	Q88714	Q88714 mus musculu
297	114.5	8.5	384	2	Q9VPC4	Q9vpc4 drosophila	370	109	8.1	600	1	EFL5_MOUSE	Q8bh27 mus musculu
298	114.5	8.5	874	2	Q7ZXN7	Q7zxn7 xenopus lae	371	109	8.1	733	2	Q86VG1	Q86vg1 homo sapien
299	114.5	8.5	1374	2	Q9VSU0	Q9vsu0 drosophila	372	109	8.1	736	2	Q6ZNB6	Q6znb6 mus sapien
300	114.5	8.5	1449	2	Q9U1I2	Q9ui12 drosophila	373	109	8.1	814	2	Q6A018	Q6a018 mus musculu
301	114.5	8.5	1450	2	Q8IQB8	Q8iqb8 drosophila	374	109	8.1	923	1	K685_MOUSE	Q8r3q2 mus musculu
302	114.5	8.5	1462	2	Q9U1I3	Q9ui13 drosophila	375	109	8.1	1674	2	Q80Z18	Q80z18 mus musculu
303	114.5	8.5	2003	1	NTC4_HUMAN	Q9a466 homo sapien	376	109	8.1	2189	2	Q9B105	Q9bi05 eimeria ten
304	114.5	8.5	2212	2	Q7Q1I2	Q7q1i2 anopheles g	377	109	8.1	2850	2	Q80T03	Q80t03 mus musculu
305	114.5	8.5	2382	2	Q9B1I9	Q9b1i9 drosophila	378	109	8.1	3775	2	Q7PMF9	Q7pmf9 anopheles g
306	114.5	8.5	2409	2	Q6G0G6	Q6g0g6 drosophila	379	108.5	8.0	513	1	SPT1_HUMAN	Q43278 homo sapien
307	114.5	8.5	2786	2	Q9VSU2	Q9vsu2 drosophila	380	108.5	8.0	712	2	Q9VG15	Q9vg15 drosophila
308	114	8.4	1097	2	Q6UY16	Q6uy16 homo sapien	381	108.5	8.0	717	2	Q6PST6	Q6pst6 spodoptera
309	114	8.4	1427	2	Q76LX8	Q76lx8 homo sapien	382	108.5	8.0	2524	1	NOTC_XENLA	P21783 xenopus lae
310	113.5	8.4	536	2	Q6DG59	Q6dg59 brachydanio	383	108	8.0	299	2	Q8UGL1	Q8ugl1 arabidopsis
311	113.5	8.4	548	1	IDD_MOUSE	Q6hd99 rattus norv	384	108	8.0	316	2	Q9LNT0	Q9lnt0 arabidopsis
312	113.5	8.4	548	1	Q86WK8	P98154 mus musculu	385	108	8.0	355	2	Q7S6V6	P786v6 neurospora
313	113.5	8.4	673	2	Q86WK8	Q86wk8 homo sapien	386	108	8.0	438	2	Q39495	Q39495 cylindrothe
314	113.5	8.4	934	2	Q6DEX1	Q6dex1 xenopus tro	387	108	8.0	946	2	O22015	O22015 cylindrothe
315	113	8.3	347	2	Q75JE6	Q75je6 dictyosteli	388	108	8.0	1328	1	AGRN_DISOM	Q90404 discopyge o
316	113	8.3	466	2	Q6ZQH9	Q6zqh9 mus musculu	389	108	8.0	1726	2	Q80Z21	Q80z21 mus musculu
317	113	8.3	478	2	Q8C2R4	Q8c2r4 mus musculu	390	107.5	7.9	469	1	PROP_HUMAN	P27918 homo sapien
318	113	8.3	525	1	NAB2_YEAST	P32505 saccharomyc	391	107.5	7.9	584	2	Q6DK87	Q6dk87 xenopus tro
319	113	8.3	549	2	Q6P5A9	Q6p5a9 mus musculu	392	107.5	7.9	784	1	YAV2_XANCV	P14728 xanthomonas
320	113	8.3	580	2	Q8CB23	Q8cb23 mus musculu	393	107.5	7.9	840	2	Q9VZF2	Q9vzf2 drosophila
321	113	8.3	1035	1	ENTK_BOVIN	P98072 bos taurus	394	107.5	7.9	1486	2	Q9SRE5	Q9sre5 drosophila
322	113	8.3	1458	2	Q757N5	Q757n5 ashbya goss	395	107.5	7.9	1486	2	Q967Y2	Q967y2 drosophila
323	112.5	8.3	474	2	Q68EF1	Q68ef1 mus musculu	396	107.5	7.9	1486	2	Q7KRP7	Q7krp7 drosophila

397	107.5	7.9	1582	2	Q7KBP6	Q7krp6 drosophila	470	104.5	7.7	731	2	Q8I4B9	Q8i4b9 caenorhabdi
398	107.5	7.9	1637	2	Q9XSV8	Q9xsv8 bos taurus	471	104.5	7.7	796	2	Q9ULT5	Q9ult5 caenorhabdi
399	107.5	7.9	1746	1	TENA_PIG	Q29116 bos scrofa	472	104.5	7.7	821	2	Q66HQ0	Q66hq0 rattus norv
400	107.5	7.9	2201	1	TENA_HUMAN	P24821 homo sapien	473	104.5	7.7	962	2	Q669A3	Q669a3 branchiost
401	107.5	7.9	2703	1	NTC_DROME	P07207 drosophila	474	104.5	7.7	1234	2	Q7PIQ7	Q7piq7 anopheles g
402	107.5	7.9	2911	1	FBN2_HUMAN	P35556 homo sapien	475	104.5	7.7	1322	2	Q7PNR7	Q7pnr7 anopheles g
403	107.5	7.9	2972	2	P90891	P90891 caenorhabdi	476	104.5	7.7	1322	2	Q9NJS5	Q9nje5 anopheles g
404	107	7.9	277	1	TNR4_HUMAN	P34989 homo sapien	477	104.5	7.7	2124	1	PGCA_RAT	P07897 rattus norv
405	107	7.9	277	2	Q9XZY1	Q9xzy1 leishmania	478	104.5	7.7	2327	2	Q9IBG7	Q9ibg7 xenopus lae
406	107	7.9	391	2	Q20531	Q20531 caenorhabdi	479	104	7.7	473	1	FP2_MYTG	Q25464 mytilus gal
407	107	7.9	550	1	IDD_HUMAN	P98153 homo sapien	480	104	7.7	559	1	CO9_HUMAN	P02748 homo sapien
408	107	7.9	550	2	Q8IWC8	Q8iwc8 homo sapien	481	104	7.7	855	2	Q7Z410	Q7z410 homo sapien
409	107	7.9	708	2	Q9LGM8	Q9lgm8 oryza sativ	482	104	7.7	934	2	Q8I1M5	Q8i1m5 rattus norv
410	107	7.9	903	2	Q44397	Q44397 trichuris t	483	104	7.7	1059	2	Q7Z411	Q7z411 homo sapien
411	107	7.9	1147	2	Q6DIB5	Q6dib5 mus musculus	484	104	7.7	1391	1	Q6C6W0	Q6c6w0 yarrowia li
412	107	7.9	1242	1	JAG1_BRARE	Q90y57 brachydanio	485	104	7.7	2318	1	NTC3_MOUSE	Q61982 mus musculus
413	107	7.9	1340	2	Q711T8	Q711t8 homo sapien	486	104	7.7	2360	2	Q7YZP0	Q7yzp0 eimeria max
414	107	7.9	1371	2	Q711OF6	Q711of6 homo sapien	487	104	7.7	3379	1	STAN_DROME	Q9v5n8 drosophila
415	107	7.9	2018	2	Q7TP99	Q7tp99 rattus norv	488	104	7.7	13288	2	Q18758	Q18758 sus scrofa
416	106.5	7.9	159	2	Q8NAW6	Q8naw6 homo sapien	489	103.5	7.6	313	2	Q8K3U2	Q8k3u2 mus musculus
417	106.5	7.9	321	2	Q6LAM1	Q6lam1 homo sapien	490	103.5	7.6	376	2	Q8XK29	Q8xk29 drosophila
418	106.5	7.9	377	2	Q8WM88	Q8wm88 homo sapien	491	103.5	7.6	580	2	Q8HZ48	Q8hz48 oryctolagus
419	106.5	7.9	494	2	Q8WDD0	Q8wdv0 mus musculus	492	103.5	7.6	615	2	Q7S1I7	Q7s1i7 neuropsora
420	106.5	7.9	494	2	Q8BMS0	Q8bms0 mus musculus	493	103.5	7.6	622	2	Q7P2I9	Q7p2i9 anopheles g
421	106.5	7.9	583	1	CEA1_HUMAN	P05156 homo sapien	494	103.5	7.6	647	2	Q6P3V5	Q6p3v5 homo sapien
422	106.5	7.9	1115	2	Q7QB67	Q7qb67 anopheles g	495	103.5	7.6	746	1	ABL_MLVAB	P00521 abelson mur
423	106.5	7.9	1358	2	Q8BYI9	Q8byi9 mus musculus	496	103.5	7.6	747	2	Q8VHF4	Q8vhf4 mus musculus
424	106.5	7.9	2120	1	TECA_CHICK	Q9yh85 gallus gall	497	103.5	7.6	832	2	Q80YX0	Q80yx0 mus musculus
425	106.5	7.9	2447	2	Q13149	Q13149 fugu rubrip	498	103.5	7.6	923	2	Q7KXN9	Q7kxn9 drosophila
426	106.5	7.9	3198	2	Q9U8G8	Q9u8g8 manduca sex	499	103.5	7.6	981	2	Q92809	Q92809 abelson mur
427	106	7.8	307	2	Q7RZB8	Q7rzb8 neuropsora	500	103.5	7.6	1004	2	Q8CGA7	Q8cga7 mus musculus
428	106	7.8	339	2	Q6SG55	Q6sg55 mus musculus	501	103.5	7.6	1034	2	Q8VHL7	Q8vhl7 mus musculus
429	106	7.8	389	2	Q97887	Q97887 bos taurus	502	103.5	7.6	1034	2	Q8VIK5	Q8vik5 mus musculus
430	106	7.8	393	2	Q44163	Q44163 caenorhabdi	503	103.5	7.6	1072	2	Q9VI26	Q9vi26 drosophila
431	106	7.8	507	2	Q9D3K4	Q9d3k4 mus musculus	504	103.5	7.6	1096	2	Q7KXN8	Q7kxn8 drosophila
432	106	7.8	507	2	Q99J04	Q99j04 mus musculus	505	103.5	7.6	1123	1	ABL1_MOUSE	Q94174 pneumocysti
433	106	7.8	684	2	Q8I498	Q8i498 cupiensius	506	103.5	7.6	1142	2	Q6PCM5	Q6pcm5 mus musculus
434	106	7.8	833	2	Q6J288	Q6j288 acanthamoeb	507	103.5	7.6	1410	2	Q20204	Q20204 caenorhabdi
435	106	7.8	950	2	Q8MGN5	Q8mgn5 drosophila	508	103.5	7.6	1827	2	Q8JHV6	Q8jhw6 brachydanio
436	106	7.8	998	2	Q869K4	Q869k4 dictyosteli	509	103.5	7.6	2019	2	Q84706	Q84706 mus musculus
437	106	7.8	1161	2	Q7P5V2	Q7psv2 anopheles g	510	103.5	7.6	2019	2	Q80YX2	Q80yx2 mus musculus
438	106	7.8	1407	2	Q9VB65	Q9vb65 drosophila	511	103.5	7.6	2045	1	AGRN_HUMAN	O00468 homo sapien
439	106	7.8	1408	1	SERR_DROME	P18168 drosophila	512	103.5	7.6	2110	2	Q80YX1	Q80yx1 mus musculus
440	106	7.8	3843	2	Q9VU94	Q9vu94 drosophila	513	103.5	7.6	2437	1	NTC1_BRARE	P46330 brachydanio
441	105.5	7.8	187	2	Q967Z6	Q967z6 cooperia on	514	103.5	7.6	2906	2	Q9WDH9	Q9wdh9 rattus norv
442	105.5	7.8	279	2	Q8RZK0	Q8rzk0 oryza sativ	515	103.5	7.6	354	1	NOV_MOUSE	Q64299 mus musculus
443	105.5	7.8	308	2	Q46370	Q46370 bos taurus	516	103	7.6	500	1	LR11_HUMAN	Q86vz4 homo sapien
444	105.5	7.8	338	2	Q7QGY2	Q7qgy2 anopheles g	517	103	7.6	598	1	KE04_MOUSE	Q8r151 mus musculus
445	105.5	7.8	403	2	O14549	O14549 homo sapien	518	103	7.6	618	1	DLI3_HUMAN	Q9ny17 homo sapien
446	105.5	7.8	513	2	Q90YAS	Q90ya5 anguilla ja	519	103	7.6	635	2	Q17797	Q17797 caenorhabdi
447	105.5	7.8	633	2	Q818W5	Q818w5 giardia lam	520	103	7.6	737	2	Q8IYT0	Q8iyt0 homo sapien
448	105.5	7.8	850	2	Q6FGY9	Q6pgy9 brachydanio	521	103	7.6	737	2	Q8NFT8	Q8ntf8 homo sapien
449	105.5	7.8	1106	1	STC_DROME	P40798 drosophila	522	103	7.6	800	2	Q8TFG4	Q8tfg4 schizosacch
450	105.5	7.8	1245	2	Q6PEB4	Q6ppb4 gallus gall	523	103	7.6	1114	2	Q75WG2	Q75wg2 penaeus jap
451	105.5	7.8	1719	1	PRD2_HUMAN	Q13029 homo sapien	524	103	7.6	1246	1	EFL3_HUMAN	Q05546 rattus norv
452	105.5	7.8	2764	2	Q9WTS5	Q9wts5 mus musculus	525	103	7.6	1356	2	Q05546	Q05546 rattus norv
453	105	7.8	270	2	Q7SSV8	Q7ssv8 felis silve	526	103	7.6	1666	2	Q7RXL0	Q7rxl0 neuropsora
454	105	7.8	373	2	Q90YA4	Q90ya4 conger myri	527	103	7.6	2516	2	Q7TQ52	Q7ttq52 mus musculus
455	105	7.8	587	2	Q8NBS4	Q8nbs4 homo sapien	528	103	7.6	2526	2	Q7TQ51	Q7ttq51 mus musculus
456	105	7.8	600	1	SP96_DICDI	P14328 dictyosteli	529	103	7.6	2531	2	Q8K428	Q8k428 mus musculus
457	105	7.8	1245	2	Q9V7V5	Q9v7v5 trichoderma	530	103	7.6	2531	2	Q7TQ50	Q7ttq50 mus musculus
458	105	7.8	1322	2	Q9NAT0	Q9nat0 anopheles g	531	103	7.6	2531	2	Q9U5D0	Q9u5d0 drosophila
459	105	7.8	1405	2	Q8VHS2	Q8vhs2 mus musculus	532	103	7.6	3843	2	Q9U5D0	Q9u5d0 drosophila
460	105	7.8	2531	1	NTC1_RAT	Q70008 rattus norv	533	102.5	7.6	385	2	Q7SR32	Q7sr32 aspergillus
461	105	7.8	3695	1	LMAS_HUMAN	O15230 homo sapien	534	102.5	7.6	454	2	Q7R3V9	Q7r3v9 giardia lam
462	105	7.8	3695	2	Q8TDF8	Q8tdf8 homo sapien	535	102.5	7.6	494	2	Q9S965	Q9s965 homo sapien
463	104.5	7.7	204	2	Q6VQP1	Q6vcp1 crassostrea	536	102.5	7.6	667	2	Q95WU1	Q95wu1 giardia lam
464	104.5	7.7	377	2	Q86NW2	Q86nw2 drosophila	537	102.5	7.6	668	2	Q723J7	Q723j7 pneumocysti
465	104.5	7.7	421	2	Q86UD6	Q86jd6 dictyosteli	538	102.5	7.6	720	2	Q7QY54	Q7qy54 giardia lam
466	104.5	7.7	517	2	Q8IHC1	Q8ihc1 drosophila	539	102.5	7.6	732	2	Q7SGQ8	Q7sgq8 neuropsora
467	104.5	7.7	517	2	Q8IRH9	Q8irh9 drosophila	540	102.5	7.6	761	2	Q6ST50	Q6st50 mus musculus
468	104.5	7.7	554	2	Q7PUG0	Q7pug0 anopheles g	541	102.5	7.6	935	2	Q6IR82	Q6ir82 xenopus lae
469	104.5	7.7	578	2	Q8BPP4	Q8bpb4 mus musculus	542	102.5	7.6	1062	2	Q6AHS0	Q6ahs0 pneumocysti

543	102.5	7.6	1074	1	SM5A HUMAN	Q13591 homo sapien	616	100.5	7.4	1358	2	Q15568	Q15568 homo sapien
544	102.5	7.6	1101	2	Q7KU08	Q7ku08 drosophila	617	100.5	7.4	1358	2	Q92752	Q92752 homo sapien
545	102.5	7.6	1212	2	Q42347	Q42347 gallus gall	618	100.5	7.4	1358	2	Q7QZU9	Q7qzu9 giardia lam
546	102.5	7.6	1218	1	JAG1 HUMAN	P78504 homo sapien	619	100.5	7.4	2470	1	NTC2 MOUSE	O35516 mus musculus
547	102.5	7.6	1218	1	JAG1 MOUSE	Q9qxx0 mus musculus	620	100.5	7.4	3873	1	Q84X82	O84x82 chlamydomon
548	102.5	7.6	1219	1	JAG1_RAT	O63722 rattus norv	621	100	7.4	70	2	O6P220	O6p220 mus musculus
549	102.5	7.6	1307	2	Q9VPA1	Q9vpa1 drosophila	622	100	7.4	107	2	Q9NG19	Q9ng19 crasostrea
550	102.5	7.6	1955	1	AGR_N CHICK	F31696 gallus gall	623	100	7.4	204	2	Q6YY00	O6yy00 oryza sativ
551	102.5	7.6	2319	1	NTC3 RAT	Q9r172 rattus norv	624	100	7.4	305	2	Q8JIP6	O8jip6 tribolodon
552	102.5	7.6	2428	2	O816X6	O816x6 boophilus m	625	100	7.4	359	2	Q7PF57	Q7pf57 anopheles g
553	102.5	7.6	3312	1	CLR3 HUMAN	Q9nyq7 homo sapien	626	100	7.4	411	2	Q7PZR1	Q7pzi1 anopheles g
554	102	7.5	284	2	O8TID1	O8tid1 dictyosteli	627	100	7.4	464	2	Q9NAX4	O9nax4 dictyosteli
555	102	7.5	419	2	Q91TW8	Q91tw8 maize rayad	628	100	7.4	475	2	Q27087	Q27087 trichuris t
556	102	7.5	427	1	TRI6 HUMAN	P08138 homo sapien	629	100	7.4	715	2	Q94494	Q94494 dictyosteli
557	102	7.5	600	2	O86B01	O86b01 dictyosteli	630	100	7.4	736	2	Q7QTA2	Q7qta2 giardia lam
558	102	7.5	643	1	CD93 RAT	Q9et61 rattus norv	631	100	7.4	771	2	O6TYZ0	O6tyz0 mus musculus
559	102	7.5	662	1	MUC1 XENLA	O05049 xenopus lae	632	100	7.4	1282	2	O8TER0	O8ter0 homo sapien
560	102	7.5	866	2	Q7S4E9	Q7s4e9 neurospora	633	100	7.4	2386	1	EFL4 HUMAN	O727m0 homo sapien
561	102	7.5	1515	2	Q9DE37	Q9de37 brachydanio	634	100	7.4	2355	2	Q755B8	Q755b8 ashbya goss
562	102	7.5	2330	1	EFL4 MOUSE	P60882 mus musculus	635	99.5	7.3	304	2	Q71DF4	O8k1t0 mus musculus
563	102	7.5	2448	2	O8WWQ5	O8wwq5 homo sapien	636	99.5	7.3	453	1	TMS3 MOUSE	O812a6 mus musculus
564	102	7.5	2556	1	NTC1 HUMAN	P46531 homo sapien	637	99.5	7.3	453	2	O812A6	O812a6 mus musculus
565	102	7.5	2811	2	Q7O434	Q7o434 anopheles g	638	99.5	7.3	480	2	O96E59	O96e59 homo sapien
566	101.5	7.5	415	2	O8CAFO	O8caf0 mus musculus	639	99.5	7.3	529	2	O6UX71	O6ux71 homo sapien
567	101.5	7.5	584	2	O8K480	O8k480 mus musculus	640	99.5	7.3	644	1	CD93_MOUSE	O89103 mus musculus
568	101.5	7.5	700	2	O8QGN9	O8qgn9 brachydanio	641	99.5	7.3	841	2	Q7QT97	Q7qt97 giardia lam
569	101.5	7.5	769	1	LEM3 SHEEP	P98109 ovis aries	642	99.5	7.3	952	2	Q6ZTA9	O6zta9 homo sapien
570	101.5	7.5	772	2	O6DI48	O6di48 brachydanio	643	99.5	7.3	1019	1	ENTK HUMAN	P98073 homo sapien
571	101.5	7.5	802	2	O57462	O57462 brachydanio	644	99.5	7.3	1071	2	O6AHT2	O6ah2 pneumocysti
572	101.5	7.5	862	1	NPP2 MOUSE	Q9rie6 m etonucle	645	99.5	7.3	1474	2	O62504	O62504 caenorhabdi
573	101.5	7.5	862	2	Q6PDE0	Q6pde0 mus musculus	646	99.5	7.3	1599	2	O09983	O09983 caenorhabdi
574	101.5	7.5	1247	1	JAG2 MOUSE	Q9gve5 mus musculus	647	99.5	7.3	1706	2	Q63755	Q63755 rattus sp.
575	101.5	7.5	1703	1	MUSB HUMAN	O9hc84 homo sapien	648	99.5	7.3	2825	2	O70465	O70465 mus musculus
576	101	7.5	174	2	O8BUR5	O8bur5 mus musculus	649	99	7.3	125	2	O6DLX5	O6dlx5 tenebrio mo
577	101	7.5	196	2	Q9YBP7	Q9ybp7 cowpox viru	650	99	7.3	200	2	Q7QZL9	Q7qzl9 giardia lam
578	101	7.5	261	2	O8BRV4	O8brv4 mus musculus	651	99	7.3	263	2	Q99740	Q99740 homo sapien
579	101	7.5	269	2	O6S889	O6s889 oikopleura	652	99	7.3	322	2	O6DC45	O6dc45 brachydanio
580	101	7.5	399	2	Q7KDP3	Q7kpx3 trichuris t	653	99	7.3	337	2	O18464	O18464 hermania m
581	101	7.5	476	2	Q7QZ50	Q7qz50 giardia lam	654	99	7.3	370	1	K107 HUMAN	P60409 homo sapien
582	101	7.5	517	2	O7S9R3	O7s9r3 neurospora	655	99	7.3	415	1	TNR3_MOUSE	P50284 mus musculus
583	101	7.5	570	2	Q9VM32	Q9vm32 drosophila	656	99	7.3	518	2	O7SYC0	O7syv0 brachydanio
584	101	7.5	587	1	CO8B_ONCMY	Q90x85 oncornynch	657	99	7.3	604	1	CFAL RAT	Q9wu3 rattus norv
585	101	7.5	592	2	Q7QT99	Q7qt99 giardia lam	658	99	7.3	647	2	Q7Q5W4	Q7qsw4 anopheles g
586	101	7.5	656	1	EFL3_MOUSE	O80v70 mus musculus	659	99	7.3	765	2	O8GP34	O8gp34 drosophila
587	101	7.5	749	2	O86TF7	O86tf7 homo sapien	660	99	7.3	765	2	Q9VBP0	O9vbp0 drosophila
588	101	7.5	769	2	Q91X70	Q91x70 mus musculus	661	99	7.3	893	2	Q8MJK0	O8mjk0 cercopithec
589	101	7.5	769	2	Q9QXT7	Q9qxt7 mus musculus	662	99	7.3	1268	1	LTB3_MOUSE	O61810 mus musculus
590	101	7.5	835	2	Q69Z16	Q69zy6 mus musculus	663	99	7.3	1501	2	Q75J59	Q75ja9 dictyosteli
591	101	7.5	890	2	Q7QJ41	Q7qj41 anopheles g	664	99	7.3	1574	1	EFL3 RAT	O88281 rattus norv
592	101	7.5	984	2	Q9Y1P7	Q9y1p7 cryptospori	665	99	7.3	1664	2	Q9TVQ2	O9tvq2 caenorhabdi
593	101	7.5	1083	2	O8TAS6	O8tas6 homo sapien	666	99	7.3	2112	2	Q9VEL9	O9vel9 drosophila
594	101	7.5	1761	2	O86XN2	O86xn2 homo sapien	667	99	7.3	2225	2	O45881	O45881 caenorhabdi
595	101	7.5	1786	1	LMB1 HUMAN	P07942 homo sapien	668	99	7.3	2471	1	NTC2 RAT	Q9qw30 rattus norv
596	101	7.5	2192	2	Q804R1	Q804r1 brachydanio	669	98.5	7.3	432	2	Q9BKP1	Q9bkp1 caenorhabdi
597	101	7.5	2528	2	O8AXP0	O8axp0 cynops pyrr	670	98.5	7.3	475	2	O6KAQ6	O6kaq6 mus musculus
598	101	7.5	2824	2	Q9W7R3	Q9w7r3 brachydanio	671	98.5	7.3	525	2	O81QU1	O81qu1 drosophila
599	101	7.5	2907	1	FBN2_MOUSE	O61555 mus musculus	672	98.5	7.3	589	2	O6GQ31	O6gq31 xenopus lae
600	100.5	7.4	270	2	O9VI89	O9vi89 drosophila	673	98.5	7.3	623	2	Q7SZG1	Q7szg1 fugu rubrip
601	100.5	7.4	426	2	Q67UJ9	Q67uuj9 oryza sativ	674	98.5	7.3	651	2	Q98SM6	Q98sm6 gallus gall
602	100.5	7.4	442	2	Q39494	Q39494 cylindrothe	675	98.5	7.3	705	1	FBUI_MOUSE	Q08879 mus musculus
603	100.5	7.4	500	2	Q7PKC6	Q7pkc6 anopheles g	676	98.5	7.3	752	2	O42374	O42374 brachydanio
604	100.5	7.4	529	2	Q96PD9	Q96pd9 homo sapien	677	98.5	7.3	957	1	MGB1_MACFA	O9bel8 macaca fasc
605	100.5	7.4	545	2	Q7PKC7	Q7pkc7 anopheles g	678	98.5	7.3	1167	2	Q6RAT1	O6kat1 mus musculus
606	100.5	7.4	548	2	Q7S8B8	Q7s8b8 neurospora	679	98.5	7.3	1918	2	O86AS3	O86as3 dictyosteli
607	100.5	7.4	584	1	CO8A HUMAN	P07357 homo sapien	680	98.5	7.3	2731	2	O9VJT5	O9vjt5 drosophila
608	100.5	7.4	601	2	Q7MAJ3	Q7maj3 dictyosteli	681	98.5	7.3	3383	2	O65ZC2	O65zc2 caenorhabdi
609	100.5	7.4	611	2	O8IYG0	O8iyg0 homo sapien	682	98.5	7.3	3391	2	O01335	O01335 caenorhabdi
610	100.5	7.4	640	1	UROM HUMAN	P07911 homo sapien	683	98.5	7.3	3367	2	O9XZC9	O9xzc9 drosophila
611	100.5	7.4	669	2	O8N4X0	O8n4x0 homo sapien	684	98.5	7.3	3375	2	O8IP51	O8ip51 drosophila
612	100.5	7.4	1032	2	Q75WG1	Q75wg1 penaeus jap	685	98.5	7.3	7524	2	O6PZE0	O6pze0 mus musculus
613	100.5	7.4	1046	1	PSTA_DICDI	P11976 dictyosteli	686	98	7.2	322	1	FSA_BRARE	O9yhv4 brachydanio
614	100.5	7.4	1062	2	Q60789	Q60789 mus musculus	687	98	7.2	441	1	Q9W5X1	Q9w5x1 drosophila
615	100.5	7.4	1350	2	Q7T3T6	Q7t3t6 brachydanio	688	98	7.2	461	1	KRM2_MOUSE	O8k1a7 mus musculus

689	98	7.2	490	2	Q920K3	Q920K3 rattus norv	762	96.5	7.1	1123	2	Q8C1X4	Q8C1X4 mus musculus
690	98	7.2	919	2	Q286S9	Q286S9 oryctolagus	763	96.5	7.1	1202	1	JAG2_RAT	P97607 rattus norv
691	98	7.2	1045	2	Q8T3A6	Q8T3A6 caenorhabdi	764	96.5	7.1	1265	1	O599Z0	O599Z0 pneumocyeti
692	98	7.2	1070	2	Q8T3A7	Q8T3A7 caenorhabdi	765	96.5	7.1	1679	1	FUR2_DROME	P30432 drosophila
693	98	7.2	1111	2	Q9XWD6	Q9XWD6 caenorhabdi	766	96.5	7.1	3034	1	CLRI_MOUSE	O35161 mus musculus
694	98	7.2	1191	1	LMG2_MOUSE	Q61092 mus musculus	767	96	7.1	329	2	Q9DEY0	O9DEY0 cyprinus ca
695	98	7.2	1317	2	Q61Q50	Q61Q50 mus sapien	768	96	7.1	425	2	O02661	O02661 bos taurus
696	98	7.2	1329	2	Q6CEK4	Q6CEK4 yarrowia li	769	96	7.1	432	2	O0NPM2	Q9NPM2 homo sapien
697	98	7.2	2471	1	NTC2_HUMAN	Q04721 homo sapien	770	96	7.1	491	2	O8TEK2	Q8TEK2 homo sapien
698	97.5	7.2	252	2	Q86EJ2	Q86EJ2 schistosoma	771	96	7.1	498	2	O80261	O80261 vibrio chol
699	97.5	7.2	274	2	Q9M7I5	Q9M7I5 zea mays (m	772	96	7.1	507	1	SPRI_MOUSE	Q9R097 mus musculus
700	97.5	7.2	510	2	Q6SCJ8	Q6SCJ8 aspergillus	773	96	7.1	542	2	Q7Q0Z8	Q7Q0Z8 anopheles g
701	97.5	7.2	549	2	Q9VW30	Q9VW30 drosophila	774	96	7.1	580	2	Q8CHK1	Q8CHK1 mus musculus
702	97.5	7.2	569	2	Q8NHD4	Q8NHD4 homo sapien	775	96	7.1	587	2	O8X182	Q8X182 mus musculus
703	97.5	7.2	577	2	Q9VJ18	Q9VJ18 drosophila	776	96	7.1	587	2	O8CHJ9	Q8CHJ9 mus musculus
704	97.5	7.2	605	1	WSC4_YEAST	P38739 saccharomyc	777	96	7.1	593	2	Q7R576	Q7R576 giardia lam
705	97.5	7.2	610	2	Q943G8	Q943G8 oryza sativ	778	96	7.1	593	2	Q7R5A7	Q7R5A7 giardia lam
706	97.5	7.2	714	1	DLI1_RAT	P97677 rattus norv	779	96	7.1	603	1	CFAI_MOUSE	Q61129 mus musculus
707	97.5	7.2	786	2	Q210Z7	Q210Z7 caenorhabdi	780	96	7.1	728	2	Q707N0	Q707N0 xenopus lae
708	97.5	7.2	827	2	Q702I4	Q702I4 bos taurus	781	96	7.1	778	2	O8INO6	Q8INQ6 drosophila
709	97.5	7.2	830	1	SRBC_HUMAN	Q14162 homo sapien	782	96	7.1	898	2	Q9UFZ4	Q9UFZ4 homo sapien
710	97.5	7.2	1175	2	Q9VRL7	Q9VRL7 drosophila	783	96	7.1	971	2	Q6A036	Q6A036 mus musculus
711	97.5	7.2	1625	2	Q6WVD4	Q6WVD4 neurospora	784	96	7.1	1015	2	Q7Q8A1	Q7Q8A1 anopheles g
712	97.5	7.2	1666	1	LTB4_MOUSE	Q8K491 mus musculus	785	96	7.1	1200	1	P121_HUMAN	Q8K329 mus musculus
713	97.5	7.2	2352	2	Q61240	Q61240 halocynthia	786	96	7.1	1821	1	LTB2_HUMAN	Q14767 homo sapien
714	97.5	7.2	2531	2	O16004	O16004 lytechinus	787	96	7.1	1821	2	Q6AZ94	Q6AZ94 homo sapien
715	97.5	7.2	2554	2	Q7PRV4	Q7PRV4 anopheles g	788	96	7.1	1899	2	Q9NDY7	Q9NDY7 leishmania
716	97.5	7.2	2872	2	Q9WDH8	Q9WDH8 rattus norv	789	96	7.1	2224	2	Q9GPA5	Q9GPA5 branchiosto
717	97	7.2	213	2	Q6W959	Q6W959 neurospora	790	96	7.1	2641	2	Q9BXD4	Q9BXD4 homo sapien
718	97	7.2	337	2	Q8NHD3	Q8NHD3 homo sapien	791	96	7.1	2721	2	Q76973	Q76973 paramecium
719	97	7.2	342	2	Q8NHD5	Q8NHD5 homo sapien	792	96	7.1	2771	2	Q9WTS7	Q9WTS7 mus musculus
720	97	7.2	344	2	Q8WY52	Q8WY52 homo sapien	793	96	7.1	2847	2	O15018	O15018 homo sapien
721	97	7.2	585	2	Q9U0E2	Q9U0E2 tribolium c	794	96	7.1	4262	2	Q685J2	Q685J2 homo sapien
722	97	7.2	616	2	Q20852	Q20852 caenorhabdi	795	96	7.1	4493	2	Q685J3	Q685J3 homo sapien
723	97	7.2	704	1	FBL1_CHICK	Q7GX72 giardia lam	796	96	7.1	8625	2	Q86GD6	Q86GD6 procamburus
724	97	7.2	744	1	Q8NHD2	Q8NHD2 homo sapien	797	95.5	7.1	322	2	Q6R256	Q6R256 carassius a
725	97	7.2	783	2	P92163	P92163 strongyloce	798	95.5	7.1	349	2	Q97765	Q97765 sus scrofa
726	97	7.2	833	1	SRC2_MOUSE	P59222 mus musculu	799	95.5	7.1	389	2	Q8BGR4	Q8BGR4 m mus muscu
727	97	7.2	850	2	Q144Z5	Q144Z5 homo sapien	801	95.5	7.1	515	2	Q7Q018	Q7Q018 giardia lam
728	97	7.2	866	1	SRC2_HUMAN	Q96GP6 homo sapien	802	95.5	7.1	542	1	YQ16_CABEL	Q92779 caenorhabdi
729	97	7.2	1089	2	Q8T3A0	Q8T3A0 ciona intes	803	95.5	7.1	588	1	CO8B_PAROL	Q9PWV7 paralichthy
730	97	7.2	1137	2	Q6QXC1	Q6QXC1 homo sapien	804	95.5	7.1	648	2	Q9NKD7	Q9NKD7 drosophila
731	97	7.2	1353	2	Q00546	Q00546 gallus gall	805	95.5	7.1	648	2	Q9VJU4	Q9VJU4 drosophila
732	97	7.2	1376	2	Q7S5H8	Q7S5H8 neurospora	806	95.5	7.1	802	2	Q7JLU2	Q7JLU2 caenorhabdi
733	97	7.2	1581	1	LMG3_MOUSE	Q9R0B6 mus musculu	807	95.5	7.1	856	2	Q8QUT7	Q8QUT7 infectious
734	97	7.2	1686	2	Q6P7J9	Q6P7J9 homo sapien	808	95.5	7.1	909	1	CT1A_FUSSO	P52958 fusarium so
735	97	7.2	2585	2	Q23587	Q23587 caenorhabdi	809	95.5	7.1	949	2	P90956	P90956 caenorhabdi
736	97	7.2	2704	1	G168_PAPR	P17053 paramecium	810	95.5	7.1	1156	2	Q86BJ1	Q86BJ1 drosophila
737	97	7.2	2843	2	Q9Y6R7	Q9Y6R7 homo sapien	811	95.5	7.1	1213	1	JAG3_BRARE	Q9Y54 brachydanio
738	97	7.2	2871	1	FBN1_MOUSE	Q61554 mus musculu	812	95.5	7.1	1238	1	JAG2_HUMAN	Q9Y219 homo sapien
739	97	7.2	3106	1	LMZ2_MOUSE	Q60875 mus musculu	813	95.5	7.1	1260	2	Q9VVY7	Q9VVY7 drosophila
740	97	7.2	259	2	Q9GZE3	Q9GZE3 caenorhabdi	814	95.5	7.1	1511	2	O75412	Q75412 homo sapien
741	96.5	7.1	294	2	Q9GVJ3	Q9GVJ3 caenorhabdi	815	95.5	7.1	1587	2	O00508	O00508 homo sapien
742	96.5	7.1	344	2	Q9CVK2	Q9CVK2 mus musculu	816	95.5	7.1	1696	1	PKK5_BRACL	Q9NJ15 branchiosto
743	96.5	7.1	537	1	SP70_DICDI	P15269 dictyosteli	817	95.5	7.1	2224	2	O44131	O44131 caenorhabdi
744	96.5	7.1	557	2	Q24992	Q24992 giardia lam	818	95.5	7.1	2321	1	NTC3_HUMAN	Q9UM47 homo sapien
745	96.5	7.1	608	2	Q8OV54	Q8OV54 mus musculu	819	95.5	7.1	2333	1	PGCA_CANFA	Q28343 canis famil
746	96.5	7.1	625	2	Q8IGX9	Q8IGX9 drosophila	820	95.5	7.1	2871	1	FBN1_BOVIN	P98133 bos taurus
747	96.5	7.1	625	2	Q8MSQ3	Q8MSQ3 drosophila	821	95.5	7.1	3857	2	O88840	O88840 mus musculus
748	96.5	7.1	642	2	Q62285	Q62285 mus musculu	822	95.5	7.1	4782	2	Q8K1G6	Q8K1G6 mus musculus
749	96.5	7.1	660	2	Q7QY47	Q7QY47 giardia lam	823	95	7.0	94	2	Q91099	Q91099 gallus gall
750	96.5	7.1	701	2	Q86BL2	Q86BL2 drosophila	824	95	7.0	120	2	Q9DAE3	Q9DAE3 mus musculus
751	96.5	7.1	708	2	Q7YSJ4	Q7YSJ4 dictyosteli	825	95	7.0	198	2	Q7Q2J1	Q7Q2J1 anopheles g
752	96.5	7.1	708	2	P87363	P87363 gallus gall	826	95	7.0	383	2	O70534	O70534 rattus norv
753	96.5	7.1	762	2	O42373	O42373 brachydanio	827	95	7.0	383	2	Q62779	Q62779 rattus norv
754	96.5	7.1	808	2	Q7XWP6	Q7XWP6 oryza sativ	828	95	7.0	452	2	Q9KY45	Q9KY45 streptomyce
755	96.5	7.1	835	1	CD97_HUMAN	P48960 homo sapien	829	95	7.0	467	2	O40941	O40941 human herpe
756	96.5	7.1	843	1	CO7_HUMAN	P10643 homo sapien	830	95	7.0	467	2	P88948	P88948 human herpe
757	96.5	7.1	843	2	Q6F3T5	Q6F3T5 homo sapien	831	95	7.0	537	2	Q9ULT6	Q9ULT6 caenorhabdi
758	96.5	7.1	984	2	Q8NH12	Q8NH12 homo sapien	832	95	7.0	558	2	Q9FW66	Q9FW66 paralichthy
759	96.5	7.1	1050	2	Q71G60	Q71G60 red sea bre	833	95	7.0	633	2	Q818W0	Q818W0 giardia lam
760	96.5	7.1	1104	1	NFX1_HUMAN	Q12986 homo sapien	834	95	7.0	638	2	Q7QOC4	Q7QOC4 giardia lam

835	95	7.0	705	Q818W1	Q818w1 giardia lam	908	93.5	6.9	632	2	Q6CSE6	Q6c566 yarrowia li
836	95	7.0	744	Q7R5E3	Q7r5e3 giardia lam	909	93.5	6.9	634	1	HWPI_CANAL	P46593 candida alb
837	95	7.0	821	Q19060	Q19060 saguinus oe	910	93.5	6.9	676	2	Q9VQSO	Q9vq90 drosophila
838	95	7.0	838	Q9VQA9	Q9vqa9 drosophila	911	93.5	6.9	725	2	Q9CV93	Q9cv93 mus musculus
839	95	7.0	800	TSP4 RAT	P49744 rattus norv	912	93.5	6.9	726	2	Q6DDV7	O6ddv7 xenopus lae
840	95	7.0	1373	Q75372	Q75372 homo sapien	913	93.5	6.9	726	2	Q707M9	Q707m9 xenopus lae
841	95	7.0	1693	SAS_DROME	Q44164 drosophila	914	93.5	6.9	737	2	Q8R4T6	Q8r4t6 mus musculus
842	95	7.0	1698	Q94438	Q94438 chironomus	915	93.5	6.9	737	2	Q8R4T6	Q8r4t6 mus musculus
843	95	7.0	1786	LMB1 MOUSE	P02469 mus musculus	916	93.5	6.9	737	2	Q8VD97	Q8vd97 mus musculus
844	95	7.0	1799	LMB2 MOUSE	Q61292 mus musculus	917	93.5	6.9	804	2	Q60410	Q60410 cavia porce
845	95	7.0	1799	Q8R070	Q8r0y0 mus musculus	918	93.5	6.9	870	2	P87585	P87585 citrus tattu
846	95	7.0	2571	SBN1 MOUSE	Q8r4y4 mus musculus	919	93.5	6.9	929	2	Q8MLI6	Q8mli6 drosophila
847	95	7.0	2765	Q9RLK2	Q9rlk2 rattus norv	920	93.5	6.9	967	2	Q08294	Q08294 saccharomyc
848	94.5	7.0	190	Q9C2R4	Q9c2r4 neurospora	921	93.5	6.9	1001	2	Q05164	Q05164 saccharomyc
849	94.5	7.0	343	GAS1 MOUSE	Q01721 mus musculus	922	93.5	6.9	1376	1	CRBH_HUMAN	P82279 homo sapien
850	94.5	7.0	351	NOV_RAT	Q9qz5 rattus norv	923	93.5	6.9	1406	2	Q8WWY0	Q8wwy0 homo sapien
851	94.5	7.0	494	Q96HR8	Q96hr8 homo sapien	924	93.5	6.9	1426	2	Q769J6	Q769j6 mus musculus
852	94.5	7.0	515	Q9UK23	Q9uk23 homo sapien	925	93.5	6.9	1815	2	Q6CF66	O6cf66 yarrowia li
853	94.5	7.0	529	Q8N2D6	Q8n2d6 homo sapien	926	93.5	6.9	1844	2	Q22579	Q22579 caenorhabdi
854	94.5	7.0	558	Q6MDK9	Q6mdk9 parachlamyd	927	93.5	6.9	2531	2	Q8MPZ2	Q8mpz2 caenorhabdi
855	94.5	7.0	560	Q9U013	Q9u013 giardia lam	928	93.5	6.9	2560	2	Q21980	Q21980 caenorhabdi
856	94.5	7.0	569	Q7QXT3	Q7qxt3 giardia lam	929	93.5	6.9	2871	1	FBN1_HUMAN	P35555 homo sapien
857	94.5	7.0	574	Q7R5J3	Q7r5j3 giardia lam	930	93.5	6.9	2871	2	Q75N87	Q75n87 homo sapien
858	94.5	7.0	863	NPP2_HUMAN	Q13822 h ectonucle	931	93	6.9	256	1	TNR3_MOUSE	P20334 mus musculus
859	94.5	7.0	2531	NTC1_MOUSE	Q13822 mus musculus	932	93	6.9	308	2	Q7R4I4	Q7r4i4 giardia lam
860	94	6.9	168	Q7Q639	Q7q639 anopheles g	933	93	6.9	365	1	K106_HUMAN	P60371 homo sapien
861	94	6.9	220	Q9M4H4	Q9m4h4 vitis vinif	934	93	6.9	377	2	Q8STF9	Q8stf9 dictyosteli
862	94	6.9	254	Q6ZT90	O6zt90 homo sapien	935	93	6.9	388	2	Q8SAW1	O8saw1 oryza sativ
863	94	6.9	257	Q8BJD6	O8bjd6 mus musculus	936	93	6.9	393	1	HXAA_HUMAN	P31260 homo sapien
864	94	6.9	287	Q6IN11	Q6inl1 rattus norv	937	93	6.9	453	2	Q7ZWN4	Q7zwn4 xenopus lae
865	94	6.9	347	CTGF_RAT	Q9rie9 rattus norv	938	93	6.9	471	2	Q9VNG7	Q9vng7 drosophila
866	94	6.9	453	Q6ZMC3	O6zmc3 homo sapien	939	93	6.9	481	2	Q9VMK3	Q9vmk3 drosophila
867	94	6.9	454	TMS3_HUMAN	P57727 homo sapien	940	93	6.9	505	2	Q7SC14	Q7sc14 neurospora
868	94	6.9	487	Q8MSX5	O8msx5 drosophila	941	93	6.9	553	2	Q6MWP3	O6mpw3 neurospora
869	94	6.9	559	Q9VZ44	Q9vz44 drosophila	942	93	6.9	574	1	CO9_ONCMY	P06682 oncorhynch
870	94	6.9	579	Q7QSK9	Q7qsk9 giardia lam	943	93	6.9	638	2	Q8MT74	Q8mt74 drosophila
871	94	6.9	673	Q810P4	Q810p4 giardia lam	944	93	6.9	638	2	Q7PM27	Q7pm27 anopheles g
872	94	6.9	693	Q8GVZ1	O8gvz1 oryza sativ	945	93	6.9	667	2	Q9RLD9	Q9rl9 mus musculus
873	94	6.9	723	Q8GVZ1	O8gvz1 oryza sativ	946	93	6.9	737	2	Q9WVF3	Q9wvf3 mus musculus
874	94	6.9	798	ITB7_HUMAN	Q00548 homo sapien	947	93	6.9	759	2	Q6DW61	Q6dw61 gallus gall
875	94	6.9	827	Q6L608	P26010 homo sapien	948	93	6.9	760	2	Q6DW64	O6dw64 gallus gall
876	94	6.9	884	Q7QT01	Q7qt01 giardia lam	949	93	6.9	763	2	Q6DW62	O6dw62 gallus gall
877	94	6.9	894	Q17429	Q17429 caenorhabdi	950	93	6.9	764	2	Q6DW63	O6dw63 gallus gall
878	94	6.9	960	Q8MM07	Q8mm07 caenorhabdi	951	93	6.9	767	2	Q6NZP0	O6nzp0 mus musculus
879	94	6.9	1083	Q12075	Q12075 pneumocysti	952	93	6.9	770	2	Q6PLI6	O6pli6 mus musculus
880	94	6.9	1109	Q95V21	Q95v21 giardia lam	953	93	6.9	771	2	Q8BHR9	Q8bhr9 mus musculus
881	94	6.9	1114	Q7RTL3	Q7rtl3 giardia lam	954	93	6.9	778	2	Q91BG4	Q91bg4 xenopus lae
882	94	6.9	1187	Q49549	Q49549 mycoplasma	955	93	6.9	783	2	Q9V5Z7	Q9vsz7 drosophila
883	94	6.9	1199	P121_RAT	P52591 rattus norv	956	93	6.9	783	2	Q90XG2	Q90xg2 gallus gall
884	94	6.9	1224	Q7Q607	Q7q607 anopheles g	957	93	6.9	796	2	Q8MRG9	Q8mr9 drosophila
885	94	6.9	1451	Q7R2Y9	Q7r2y9 giardia lam	958	93	6.9	796	2	Q9VTR4	Q9vtr4 drosophila
886	94	6.9	1700	BAR3_CHITE	Q03376 chironomus	959	93	6.9	806	2	Q9WVF4	Q9wvf4 mus musculus
887	94	6.9	2146	Q9VC97	Q9vc97 drosophila	960	93	6.9	812	2	Q6T683	O6t683 gallus gall
888	94	6.9	2590	Q9WR44	Q9wr44 brachydanio	961	93	6.9	815	2	Q96US2	Q96us2 homo sapien
889	94	6.9	5374	Q99ND0	Q99nd0 mus musculus	962	93	6.9	816	1	NEL2_HUMAN	Q99435 homo sapien
890	94	6.9	5376	ZAN_MOUSE	O88799 mus musculus	963	93	6.9	915	2	Q02364	O02364 caenorhabdi
891	93.5	6.9	121	Q9NCR1	Q9ncr1 dendroides	964	93	6.9	927	2	Q7JKS6	Q7jks6 caenorhabdi
892	93.5	6.9	145	MCS_RAT	O64298 rattus norv	965	93	6.9	937	2	Q9BLJ1	Q9blj1 ciona intes
893	93.5	6.9	145	Q6VQP2	O6vqp2 crasostrea	966	93	6.9	950	2	Q90Z44	Q90z44 gallus gall
894	93.5	6.9	149	Q6VQP3	O6vqp3 crasostrea	967	93	6.9	961	2	Q92223	Q92223 emericeia
895	93.5	6.9	198	Q6QJA3	O6qja3 chrysospori	968	93	6.9	1070	2	Q96JG5	Q96jg5 mus sapien
896	93.5	6.9	245	K10C_HUMAN	P60413 homo sapien	969	93	6.9	1193	2	Q90819	Q90819 gallus gall
897	93.5	6.9	261	Q7PRJ2	O7prj2 anopheles g	970	93	6.9	1271	1	YC81_CAEL	Y0981 caenorhabdi
898	93.5	6.9	262	Q98988	Q98988 salvelinus	971	93	6.9	1329	2	Q9BMB0	Q9bmb0 caenorhabdi
899	93.5	6.9	313	Q24330	Q24330 dictyosteli	972	93	6.9	1370	2	Q6C3B8	O6c3b8 yarrowia li
900	93.5	6.9	320	Q8N780	Q8n780 homo sapien	973	93	6.9	1391	2	Q19021	Q19021 caenorhabdi
901	93.5	6.9	320	Q52085	O52085 polysphondy	974	93	6.9	1641	2	Q68SA9	Q68sa9 mus musculus
902	93.5	6.9	321	Q66648	O66648 equid herpe	975	93	6.9	1805	2	Q7QVW0	Q7qvwo giardia lam
903	93.5	6.9	344	Q8BMK7	O8bmk7 mus musculus	976	93	6.9	2480	1	RPL1_HUMAN	Q81wn7 homo sapien
904	93.5	6.9	465	Q7PR44	O7pr44 anopheles g	977	93	6.9	2570	1	SBN1_HUMAN	Q9nvl5 homo sapien
905	93.5	6.9	557	CO9_RABIT	P48747 oryctolagus	978	93	6.9	2658	2	Q9GRL9	Q9grl9 leishmania
906	93.5	6.9	589	DLL3_RAT	O88671 rattus norv	979	93	6.9	2871	1	FBN1_PIG	Q9tv36 sus scrofa
907	93.5	6.9	600	Q8N369	O8n369 homo sapien	980	93	6.9	2910	2	O55225	O55225 mus musculus

981	148	2	Q9NCQ8	Q9ncq8 dendroides	1054	91.5	6.8	1188	2	Q9SV59	Q9sv59 arabidopsis
982	344	2	O89037	O89037 rattus norv	1055	91.5	6.8	1190	2	Q8HZ19	Q8hz19 equus caball
983	349	1	CTGF_PIG	O19113 sus scrofa	1056	91.5	6.8	1193	1	LMG2_HUMAN	O13753 homo sapien
984	400	1	LEUK_HUMAN	P16150 homo sapien	1057	91.5	6.8	1203	2	Q86KZ0	Q86kz0 dictyosteli
985	401	1	K104_HUMAN	P01372 homo sapien	1058	91.5	6.8	1501	2	Q7KUK9	Q7kuk9 drosophila
986	417	2	K01760	Q01760 pneumocysti	1059	91.5	6.8	2132	1	PGCA_MOUSE	Q61282 mus musculu
987	555	1	DP87_DICDI	Q04503 dictyosteli	1060	91.5	6.8	2135	1	PXB1_HUMAN	O43157 homo sapien
988	556	2	Q9NGZ3	Q9ngz3 giardia lam	1061	91.5	6.8	2144	2	Q9ULU2	Q9ulu2 homo sapien
989	589	1	NTG2_MOUSE	O8r4f1 mus musculu	1062	91.5	6.8	3084	1	LMAL_MOUSE	P19137 mus musculu
990	647	2	Q8S148	O8s148 oryza sativ	1063	91	6.7	78	2	Q9SVT5	Q9svt5 homarus ame
991	652	2	Q656X4	Q656x4 oryza sativ	1064	91	6.7	149	2	Q6VQP4	Q6vqp4 crassostrea
992	701	2	Q8CDB8	Q8cdb8 mus musculu	1065	91	6.7	212	2	Q7PYA0	Q7pya0 anopheles g
993	706	2	Q8S5J1	O8s5j1 oryza sativ	1066	91	6.7	249	2	Q8VR19	Q8vr19 myxococcus
994	713	2	Q962W9	Q962w9 podocoryne	1067	91	6.7	255	1	K102_HUMAN	P60368 homo sapien
995	752	2	Q8MNE2	O8mne2 dictyosteli	1068	91	6.7	279	2	Q14888	Q14888 homo sapien
996	754	1	LGR8_HUMAN	Q8wxd0 homo sapien	1069	91	6.7	295	2	Q9BKP2	Q9bkp2 caenorhabdi
997	779	2	Q9V5D4	Q9v5d4 drosophila	1070	91	6.7	327	2	Q8GJ05	Q8gj05 dictyosteli
998	818	2	Q6C9L0	Q6c9l0 yarrowia li	1071	91	6.7	393	2	Q8BHP1	O8bhp1 mus musculu
999	837	2	Q7QFGL	Q7qfgl anopheles g	1072	91	6.7	471	2	Q7Y4V5	Q7y4v5 bacterioph
1000	843	1	CO7_PIG	Q9tug3 sus scrofa	1073	91	6.7	483	2	Q6MZX9	Q6mzx9 homo sapien
1001	885	1	NPE2_RAT	Q64610 r ectonucle	1074	91	6.7	566	2	Q7XUL6	Q7xul6 oryza sativ
1002	898	2	Q8MGG2	O8mgg2 caenorhabdi	1075	91	6.7	585	1	CO8A_RABIT	P98136 corytolagus
1003	961	2	Q8GTG2	O8gtg2 homo sapien	1076	91	6.7	592	2	Q7R630	Q7r630 giardia lam
1004	989	2	Q8CGY7	O8cgy7 mus musculu	1077	91	6.7	610	1	MUC4_HUMAN	Q99102 homo sapien
1005	1007	2	Q90ZN3	Q90zn3 gallus gall	1078	91	6.7	703	2	Q8CC97	Q8cc97 mus musculu
1006	1035	2	Q9NEG1	O9neg1 drosophila	1079	91	6.7	709	2	Q69ZT4	Q69zt4 mus musculu
1007	1041	2	Q7QKK2	Q7qkk2 anopheles g	1080	91	6.7	820	2	Q9FFK8	Q9ffk8 arabidopsis
1008	1074	2	Q964D1	Q964d1 entamoeba n	1081	91	6.7	835	2	Q6DFY6	Q6dfy6 mus musculu
1009	1165	2	Q9BJ47	O9bj47 leishmania	1082	91	6.7	862	1	MCBL_RAT	Q9jik1 rattus norv
1010	1174	2	Q9VXZ6	O9vxz6 drosophila	1083	91	6.7	886	2	O22016	O22016 cylindrothe
1011	1476	2	Q90285	Q90285 carassius a	1084	91	6.7	955	1	TSP4_XENLA	Q06441 xenopus lae
1012	1664	2	Q7KBS9	O7kbs9 drosophila	1085	91	6.7	1028	2	Q9JLL0	Q9jll0 mus musculu
1013	1674	2	Q9V9V5	Q9v9v5 drosophila	1086	91	6.7	1030	2	Q7SCH0	Q7sch0 neurospora
1014	1798	1	LMB2_HUMAN	P55268 homo sapien	1087	91	6.7	1039	2	Q8X014	Q8x014 neurospora
1015	2353	1	CCAH_HUMAN	Q95180 homo sapien	1088	91	6.7	1069	1	ENTK_MOUSE	P97435 mus musculu
1016	2931	2	Q9W2C6	O9w2c6 drosophila	1089	91	6.7	1302	1	LTE3_HUMAN	Q9n515 homo sapien
1017	2968	2	Q8MLU9	O8mlu9 drosophila	1090	91	6.7	1918	1	KE04_HUMAN	Q9p2e3 homo sapien
1018	3718	1	LMAS_MOUSE	O61001 mus musculu	1091	91	6.7	1928	2	O8T9H1	O8t9h1 drosophila
1019	326	1	VT2_MYXVL	P29825 myxoma viru	1092	91	6.7	2280	2	Q9V8E6	Q9v8e6 drosophila
1020	451	2	Q86GK4	Q86gk4 ancylostoma	1093	91	6.7	2302	2	Q9M693	Q9m693 drosophila
1021	554	1	CO9_RAT	Q62930 rattus norv	1094	91	6.7	2715	1	G156_PARPR	P13837 paramacium
1022	645	2	O97448	O97448 giardia lam	1095	91	6.7	2813	1	VWF_HUMAN	P04275 homo sapien
1023	709	2	Q9XTJ7	O9xtj7 giardia lam	1096	91	6.7	2923	1	CLR2_HUMAN	Q9hcu4 homo sapien
1024	730	2	Q86HT1	O86ht1 dictyosteli	1097	90.5	6.7	79	2	Q9BI9E	Q9bie9 aedes aegyp
1025	762	1	P115_CHICK	Q98917 gallus gall	1098	90.5	6.7	154	2	Q7R3E7	Q7r3e7 giardia lam
1026	784	2	Q8BW43	O8bm43 m mus muscu	1099	90.5	6.7	283	2	Q7PNW4	Q7pnw4 anopheles g
1027	819	2	Q80UM5	Q80um5 mus musculu	1100	90.5	6.7	296	2	Q7QHJ8	Q7qhj8 anopheles g
1028	825	2	O873Y0	O873y0 aspergillus	1101	90.5	6.7	316	2	Q9GPP4	Q9gpp4 tetrahymena
1029	858	2	Q8BM06	O8bm06 mus musculu	1102	90.5	6.7	323	2	O50262	O50262 agrobacteri
1030	868	1	MUSK_MOUSE	O61006 mus musculu	1103	90.5	6.7	349	1	CTGF_HUMAN	P29279 homo sapien
1031	958	2	Q7PU80	Q7pu80 anopheles g	1104	90.5	6.7	349	2	Q94HS3	Q94hs3 oryza sativ
1032	1361	2	Q8PD18	Q8pd18 mus musculu	1105	90.5	6.7	389	2	Q6FHL8	Q6fhl8 homo sapien
1033	1531	1	SLT1_MOUSE	O80tr4 mus musculu	1106	90.5	6.7	389	2	Q7XGV0	Q7xgv0 oryza sativ
1034	2112	2	Q8WFL0	O8wpl0 oikopleura	1107	90.5	6.7	393	2	Q7S2C7	Q7s2c7 neurospora
1035	2346	2	Q9JLC1	O9jlc1 mus musculu	1108	90.5	6.7	417	1	TR16_MOUSE	Q920w1 mus musculu
1036	2725	2	Q9UKZ4	Q9ukz4 homo sapien	1109	90.5	6.7	417	2	Q8BYI1	O8byi1 mus musculu
1037	205	2	Q8CJ40	O8cja0 mus musculu	1110	90.5	6.7	427	2	O8CFT3	O8cft3 mus musculu
1038	275	2	Q80WM9	Q80wm9 mus musculu	1111	90.5	6.7	461	2	Q8T4N2	Q8t4n2 rhinicephal
1039	276	2	Q71PF5	Q71f55 mus musculu	1112	90.5	6.7	504	2	Q7QWR4	Q7qwr4 giardia lam
1040	348	1	CTGF_MOUSE	P29268 mus musculu	1113	90.5	6.7	531	2	Q9VM31	Q9vm31 drosophila
1041	533	1	Q9FJJO	O9fjjo arabidopsis	1114	90.5	6.7	553	1	FXC1_MOUSE	Q61572 mus musculu
1042	596	2	Q07317	O07317 giardia lam	1115	90.5	6.7	553	2	Q9QWR9	Q9qwr9 mus musculu
1043	642	2	Q91X17	Q91x17 mus musculu	1116	90.5	6.7	594	2	Q24970	Q24970 giardia lam
1044	664	2	Q8WS87	O8ws87 hyalomma an	1117	90.5	6.7	598	2	Q6FeN1	Q656x3 oryza sativ
1045	702	2	Q7Q858	Q7q858 anopheles g	1118	90.5	6.7	601	2	Q656X3	Q656x3 rattus spv
1046	797	2	Q8R465	O8r465 mus musculu	1119	90.5	6.7	723	2	Q9QM16	Q9qwm16 cynops pyrr
1047	805	2	Q9PTY3	O9pty3 paralicthy	1120	90.5	6.7	726	2	Q8AW87	Q8aw87 candida alb
1048	881	2	Q9W0A0	O9w0a0 drosophila	1121	90.5	6.7	750	2	Q9HFZ4	Q9hfz4 candida alb
1049	1024	2	Q9BX11	O9bx11 homo sapien	1122	90.5	6.7	772	2	Q92070	Q92070 gallus gall
1050	1064	1	FBPI_STRPU	P10079 strongyloce	1123	90.5	6.7	787	2	Q8R2H2	Q8r2h2 rattus norv
1051	1120	2	Q96EL5	O96el5 homo sapien	1124	90.5	6.7	824	2	Q66S04	Q66s04 oikopleura
1052	1131	2	Q75DJ5	Q75dj5 ashbya goss	1125	90.5	6.7	912	2	Q76NT5	Q76nt5 dictyosteli
1053	1154	2	Q9GQ46	Q9gq46 giardia lam	1126	90.5	6.7	1019	1	LFC_TACTR	P28175 tachypleus

1127	90.5	6.7	1159	2	060981	060981 leishmania	1200	89.5	6.6	489	2	Q8AYE5	Q8ay65 gallus gall
1128	90.5	6.7	1649	2	Q6J655	Q6j655 dendrolimus	1201	89.5	6.6	531	2	Q9GNZ3	Q9gnz3 leishmania
1129	90.5	6.7	1703	2	Q9NKG9	Q9nkg9 leishmania	1202	89.5	6.6	536	2	Q7R2P0	Q7r2p0 giardia lam
1130	90.5	6.7	2104	2	Q21281	Q21281 caenorhabdi	1203	89.5	6.6	558	2	Q8BIB4	Q8bib4 mus musculu
1131	90.5	6.7	2104	2	Q964N4	Q964n4 caenorhabdi	1204	89.5	6.6	604	2	Q867T7	Q867t7 dictyosteli
1132	90.5	6.7	2174	2	Q6CD35	Q6cd35 yarrowia li	1205	89.5	6.6	610	2	Q6Y0X6	Q6y0x6 mus musculu
1133	90.5	6.7	2212	2	Q81FX6	Q81fx6 caenorhabdi	1206	89.5	6.6	661	2	Q8MS79	Q8ms79 drosophila
1134	90.5	6.7	2656	2	Q9GNJ3	Q9gnj3 paracentrot	1207	89.5	6.6	784	2	Q6C185	Q6c185 yarrowia li
1135	90.5	6.7	3301	1	CLR3 MOUSE	Q912i0 mus musculu	1208	89.5	6.6	784	2	Q95JH1	Q95jhl sus scrofa
1136	90.5	6.7	3313	1	CLR3 RAT	Q88278 rattus norv	1209	89.5	6.6	784	2	Q9TUN5	Q9tun5 sus scrofa
1137	90.5	6.7	5179	1	MUC2 HUMAN	Q02817 homo sapien	1210	89.5	6.6	816	2	Q68DL9	Q68dl9 homo sapien
1138	90.5	6.7	10625	2	Q6W5Q0	Q6w5q0 streptomyce	1211	89.5	6.6	907	1	A180 HUMAN	A180 human
1139	90	6.6	258	2	Q8S256	Q8s256 oryza sativ	1212	89.5	6.6	937	2	Q9YF12	Q9yf12 citrus tatt
1140	90	6.6	259	2	Q9GQ40	Q9gq40 giardia lam	1213	89.5	6.6	1048	2	Q8AWM5	Q8awm5 gallus gall
1141	90	6.6	305	2	Q943F2	Q943f2 oryza sativ	1214	89.5	6.6	1065	2	Q810H2	Q810h2 mus musculu
1142	90	6.6	326	2	Q7ZZ80	Q7zz80 brachydanio	1215	89.5	6.6	1079	2	Q6WV11	Q6wv11 pneumocysti
1143	90	6.6	394	2	Q9GQ47	Q9gq47 giardia lam	1216	89.5	6.6	1130	1	ABL1 HUMAN	P00519 homo sapien
1144	90	6.6	407	1	ADM RAT	Q9jmb5 rattus norv	1217	89.5	6.6	1275	2	Q766Q2	Q766q2 caenorhabdi
1145	90	6.6	407	1	Q6P795	Q6p795 rattus norv	1218	89.5	6.6	1332	2	Q45599	Q45599 caenorhabdi
1146	90	6.6	434	2	Q872V2	Q872v2 neurospora	1219	89.5	6.6	1349	2	Q8WWQ4	Q8wwq4 homo sapien
1147	90	6.6	466	2	Q8MLE2	Q8mle2 drosophila	1220	89.5	6.6	1403	2	Q70E20	Q70e20 mus musculu
1148	90	6.6	476	2	Q80890	Q80890 herpesvirus	1221	89.5	6.6	1476	2	Q8WRF4	Q8wrf4 monosiga br
1149	90	6.6	533	2	Q7QUV9	Q7quv9 giardia lam	1222	89.5	6.6	1501	2	Q75JA5	Q75ja5 dictyosteli
1150	90	6.6	537	2	Q86AV8	Q86av8 dictyosteli	1223	89.5	6.6	1640	2	Q7Q4I0	Q7q4i0 anopheles g
1151	90	6.6	551	2	Q81HG4	Q81hg4 drosophila	1224	89.5	6.6	1877	1	PKCS_MOUSE	Q04532 mus musculu
1152	90	6.6	577	2	Q6RKD5	Q6rkd5 fundulus he	1225	89.5	6.6	2105	2	Q9IR74	Q9ir74 apple stem
1153	90	6.6	597	2	Q6C2X7	Q6c2x7 yarrowia li	1226	89.5	6.6	2233	2	Q94711	Q94711 paramecium
1154	90	6.6	618	2	Q7PYW7	Q7pyw7 anopheles g	1227	89.5	6.6	2634	2	Q952D2	Q952d2 leishmania
1155	90	6.6	640	2	Q09182	Q09182 rattus norv	1228	89	6.6	148	2	O16122	O16122 tenebrio mo
1156	90	6.6	806	1	MK07 MOUSE	Q9wv88 mus musculu	1229	89	6.6	170	1	IMPI_GALME	P82176 galleria me
1157	90	6.6	833	1	DL_DROME	P10041 drosophila	1230	89	6.6	203	2	Q6XN76	Q6xn76 rhodococcus
1158	90	6.6	851	2	Q7Q1J5	Q7q1j5 anopheles g	1231	89	6.6	222	2	Q99K77	Q99k77 mus musculu
1159	90	6.6	867	2	Q6NN99	Q6nn99 drosophila	1232	89	6.6	223	2	Q9ERN7	Q9ern7 mus musculu
1160	90	6.6	867	2	Q9V7P3	Q9v7p3 drosophila	1233	89	6.6	231	1	WFD3 HUMAN	Q8iub2 homo sapien
1161	90	6.6	868	1	MUSK RAT	Q62838 rattus norv	1234	89	6.6	237	2	Q9HBS6	Q9hbs6 homo sapien
1162	90	6.6	885	2	Q9BH78	Q9bhy8 leishmania	1235	89	6.6	283	2	Q7SRQ1	Q7sfrq1 neurospora
1163	90	6.6	934	1	CO6_PANTR	Pe1134 pan troglod	1236	89	6.6	330	2	Q6ZWF6	Q6zwf6 homo sapien
1164	90	6.6	934	1	CO6_PONPY	Pe1135 pongo pygma	1237	89	6.6	413	2	Q7QTT4	Q7qtt4 giardia lam
1165	90	6.6	963	1	TSP4 MOUSE	Q9zlt2 mus musculu	1238	89	6.6	416	2	Q8N836	Q8n836 homo sapien
1166	90	6.6	965	2	Q6K4N9	Q6k4n9 oryza sativ	1239	89	6.6	422	2	Q619X5	Q619x5 homo sapien
1167	90	6.6	984	2	O8K271	Q8k271 mus musculu	1240	89	6.6	424	2	Q8N643	Q8n643 homo sapien
1168	90	6.6	1042	2	Q7YTX8	Q7ytx8 drosophila	1241	89	6.6	435	2	Q9NGZ6	Q9ngz6 giardia lam
1169	90	6.6	1042	2	Q7V7P4	Q9v7p4 drosophila	1242	89	6.6	438	2	Q9VSQ4	Q9vsg4 drosophila
1170	90	6.6	1077	1	SMSA MOUSE	Q62217 mus musculu	1243	89	6.6	448	2	Q7R090	Q7r090 giardia lam
1171	90	6.6	1088	2	Q7R2N2	Q7r2n2 giardia lam	1244	89	6.6	451	2	Q7ZWX9	Q7zwx9 xenopus lae
1172	90	6.6	1134	1	FND3 HUMAN	Q9y2h6 homo sapien	1245	89	6.6	463	2	Q68QF3	Q68qf3 lithobius f
1173	90	6.6	1134	2	Q9N9U7	Q9n9u7 leishmania	1246	89	6.6	490	1	CN27 HUMAN	Q86ti3 homo sapien
1174	90	6.6	1198	2	Q6EVH4	Q6evh4 homo sapien	1247	89	6.6	495	2	Q9GQ43	Q9gq43 giardia lam
1175	90	6.6	1205	2	Q8KOP6	Q8kop6 mus musculu	1248	89	6.6	548	1	CO9_MOUSE	P06683 mus musculu
1176	90	6.6	1335	2	Q9ESF3	Q9esf3 rattus norv	1249	89	6.6	602	2	Q61PM6	Q61pm6 homo sapien
1177	90	6.6	1459	2	Q7R1M3	Q7rim3 giardia lam	1250	89	6.6	604	2	Q6T3J7	Q6t3j7 drosophila
1178	90	6.6	1597	1	LMG3 HUMAN	Q9y8n6 homo sapien	1251	89	6.6	608	2	Q8CHE0	Q8che0 mus musculu
1179	90	6.6	1792	2	O57484	O57484 gallus gall	1252	89	6.6	627	2	Q7TT20	Q7tt20 mus musculu
1180	90	6.6	1801	1	LMB2 RAT	P15800 rattus norv	1253	89	6.6	632	2	Q7R426	Q7r426 giardia lam
1181	90	6.6	1851	2	Q9ESF3	Q9esf3 rattus norv	1254	89	6.6	647	2	P7LZ69	P7lzf69 notophthalm
1182	90	6.6	2301	2	Q95ZD0	Q95zd0 leishmania	1255	89	6.6	717	2	P87357	P87357 brachydanio
1183	90	6.6	2717	2	Q94710	Q94710 paramecium	1256	89	6.6	720	2	Q8UWJ4	Q8uwj4 brachydanio
1184	90	6.6	2729	2	Q6POK6	Q6pok6 paramecium	1257	89	6.6	738	2	Q90Z45	Q90z45 gallus gall
1185	90	6.6	2802	2	Q9D8R5	Q9d8r5 gallus gall	1258	89	6.6	751	2	Q9GYX3	Q9gyx3 drosophila
1186	90	6.6	3110	1	LMAR2 HUMAN	P24043 homo sapien	1259	89	6.6	751	2	Q9W2H2	Q9w2h2 drosophila
1187	90	6.6	3543	2	Q7PPU8	Q7ppu8 anopheles g	1260	89	6.6	809	2	Q8CAB2	Q8cab2 mus musculu
1188	90	6.6	4007	1	FRS1 HUMAN	Q86xx4 homo sapien	1261	89	6.6	818	2	Q9N1P0	Q9n1p0 bos taurus
1189	89.5	6.6	123	2	Q9NCQ9	Q9ncq9 dendroides	1262	89	6.6	864	1	AD15_MOUSE	Q88839 mus musculu
1190	89.5	6.6	287	2	Q8MVJ7	Q8mvj7 boltenia vi	1263	89	6.6	868	2	Q8K0D4	Q8k0d4 mus musculu
1191	89.5	6.6	298	1	K10B HUMAN	P60412 homo sapien	1264	89	6.6	872	2	Q26045	Q26045 proliferati
1192	89.5	6.6	303	2	Q8CSY4	Q8csy4 mus musculu	1265	89	6.6	901	1	A180_MOUSE	Q61548 mus musculu
1193	89.5	6.6	304	1	WBPI_MOUSE	P97764 mus musculu	1266	89	6.6	937	2	Q9V4B8	Q9v4b8 drosophila
1194	89.5	6.6	332	2	Q84R80	Q84r80 oryza sativ	1267	89	6.6	914	1	CO6_HUMAN	P13671 homo sapien
1195	89.5	6.6	349	1	CTGF_BOVIN	O18739 bos taurus	1268	89	6.6	1011	2	Q756R4	Q756r4 ashbya goss
1196	89.5	6.6	376	2	Q95LN0	Q95ln0 macaca fasc	1269	89	6.6	1091	2	Q7YU78	Q7yu78 drosophila
1197	89.5	6.6	394	2	Q6ZS87	Q6z887 homo sapien	1270	89	6.6	1174	1	CIKE_DROME	Q02280 drosophila
1198	89.5	6.6	470	1	PROP_CAVPO	Q64181 cavia porce	1271	89	6.6	1236	2	Q9NKF9	Q9nkf9 drosophila
1199	89.5	6.6	470	1	SP63_STRPU	Q07929 strongyloce	1272	89	6.6	1238	2	Q9VJW9	Q9vjw9 drosophila

1273	89	6.6	1239	2	Q94902	Q94902 drosophila	1346	88	6.5	547	1	CO9 HORSE	P48770 equus cabal
1274	89	6.6	1521	1	SLT2_MOUSE	Q9rib9 mus musculus	1347	88	6.5	593	2	Q81Bv8	Q81Bv8 giardia lam
1275	89	6.6	1595	1	ZAN_HUMAN	Q14766 homo sapien	1348	88	6.5	598	2	FBI1 CERAE	Q8mj9 cercopithec
1276	89	6.6	2282	1	LTBL_HUMAN	P57999 oryctolagus	1349	88	6.5	604	2	Q6IEF9	Q6iep9 oryza sativ
1277	89	6.6	2310	2	Q9GRA9	Q9grar drosophila	1350	88	6.5	637	2	Q6ZHS2	Q6zh52 oryza sativ
1278	89	6.6	3075	1	LMA1_HUMAN	P25391 homo sapien	1351	88	6.5	655	1	TR21_HUMAN	Q75509 homo sapien
1279	88.5	6.5	187	2	Q6L8G7	Q6l8x7 homo sapien	1352	88	6.5	660	2	Q75J88	Q75188 dictyosteli
1280	88.5	6.5	187	2	Q6LUTX6	Q6lutx6 homo sapien	1353	88	6.5	669	2	Q75441	Q75441 homo sapien
1281	88.5	6.5	194	1	KRUB_HUMAN	Q75690 homo sapien	1354	88	6.5	677	1	SP87_DICDI	P54643 dictyosteli
1282	88.5	6.5	217	2	Q658F7	Q658f7 oryza sativ	1355	88	6.5	686	2	Q9DBU9	Q9dbu9 mus musculus
1283	88.5	6.5	219	2	Q727L6	Q727l6 homo sapien	1356	88	6.5	692	2	Q958M1	Q958m1 caenorhabdi
1284	88.5	6.5	222	2	Q7XZ47	Q7xz47 griffithsia	1357	88	6.5	693	2	Q07241	Q07241 pneumocysti
1285	88.5	6.5	237	2	Q81VT0	Q8ivc0 homo sapien	1358	88	6.5	703	2	Q6BXK5	Q6bxk5 debaryomyce
1286	88.5	6.5	397	2	Q95V71	Q95v71 tetrahymena	1359	88	6.5	721	2	Q818V6	Q818v6 giardia lam
1287	88.5	6.5	427	2	Q91070	Q9y070 periplaneta	1360	88	6.5	742	2	Q818V3	Q818v3 giardia lam
1288	88.5	6.5	453	2	Q8N0M6	Q8n0m6 ctenocephal	1361	88	6.5	770	2	Q6ECI6	Q6ecic ovis aries
1289	88.5	6.5	595	1	TNR8_HUMAN	P22808 homo sapien	1362	88	6.5	869	1	M7QX85	O15146 homo sapien
1290	88.5	6.5	615	2	Q22886	Q22886 caenorhabdi	1363	88	6.5	1081	2	Q7QX85	Q7qx85 giardia lam
1291	88.5	6.5	616	1	ECAR_ECHCA	Q90495 echis carin	1364	88	6.5	1132	2	Q6P6T8	Q6p6t8 rattus norv
1292	88.5	6.5	638	2	Q8NBH6	Q8nbh6 homo sapien	1365	88	6.5	1133	2	EGF RAT	P07522 rattus norv
1293	88.5	6.5	680	2	Q9QW15	Q9qwi5 mus sp. bec	1366	88	6.5	1196	2	Q867A2	Q867a2 canis famil
1294	88.5	6.5	703	1	FBL1_HUMAN	P23142 homo sapien	1367	88	6.5	1216	2	Q90Y56	Q90y55 brachydanio
1295	88.5	6.5	729	2	Q6GPT6	Q6gpt6 xenopus lae	1368	88	6.5	1254	2	Q90Y56	Q90y52 brachydanio
1296	88.5	6.5	755	1	COMP_MOUSE	Q9r0g6 mus musculus	1369	88	6.5	1254	2	Q9YHU2	Q9yhu2 brachydanio
1297	88.5	6.5	755	2	Q8VI54	Q8vi54 mus musculus	1370	88	6.5	1274	2	Q9NHL3	Q9nql3 giardia lam
1298	88.5	6.5	780	2	Q22017	Q22017 cylindrothe	1371	88	6.5	1299	2	Q8MQ37	Q8mq37 caenorhabdi
1299	88.5	6.5	787	1	ITEB3_MOUSE	O54890 mus musculus	1372	88	6.5	1669	2	Q7Q3I9	Q7q3i9 anopheles g
1300	88.5	6.5	814	2	Q800R5	Q800r5 mus musculus	1373	88	6.5	1842	1	LTB2_BOVIN	Q28019 bos taurus
1301	88.5	6.5	831	2	Q9PU49	Q9pu49 gallus gall	1374	88	6.5	2144	1	CLR2_RAT	Q9gyp2 rattus norv
1302	88.5	6.5	942	2	Q7QVW9	Q7qvw9 giardia lam	1375	88	6.5	3687	2	Q9W332	Q9w332 drosophila
1303	88.5	6.5	950	2	Q802C1	Q802c1 xenopus lae	1376	87.5	6.5	211	2	Q6TPK5	O95407 homo sapien
1304	88.5	6.5	955	2	Q6DE79	Q6de79 xenopus lae	1377	87.5	6.5	300	1	TR6B_HUMAN	Q6t5407 homo sapien
1305	88.5	6.5	991	2	Q75WGO	Q75wgo penaeus jdp	1378	87.5	6.5	325	2	Q94HS1	Q94hs1 oryza sativ
1306	88.5	6.5	1017	2	Q84P66	Q84p66 oryza sativ	1379	88	6.5	325	2	Q7XGU7	Q7xgu7 oryza sativ
1307	88.5	6.5	1071	2	Q960B5	Q960b5 drosophila	1380	87.5	6.5	345	1	GAS1_HUMAN	P54826 homo sapien
1308	88.5	6.5	1071	2	Q9VUJ2	Q9vuj2 drosophila	1381	87.5	6.5	345	2	Q6B086	Q6b086 homo sapien
1309	88.5	6.5	1081	2	Q6AHT3	Q6aht3 pneumocysti	1382	87.5	6.5	357	1	NOV_HUMAN	P48745 homo sapien
1310	88.5	6.5	1117	2	Q652W3	Q652w3 oryza sativ	1383	87.5	6.5	383	2	Q04397	Q04397 epstein-bar
1311	88.5	6.5	1134	1	FNDJ3_MOUSE	Q8bx90 mus musculus	1384	87.5	6.5	383	2	Q8AZK0	Q8azk0 human herpe
1312	88.5	6.5	1165	2	Q6TKS4	Q6tk84 leishmania	1385	87.5	6.5	383	2	Q8AZK1	Q8azk1 human herpe
1313	88.5	6.5	1168	1	LMB3_MOUSE	Q61087 mus musculus	1386	87.5	6.5	383	2	Q8AZK2	Q8azk2 human herpe
1314	88.5	6.5	1222	2	Q7PPC0	Q7ppc0 anopheles g	1387	87.5	6.5	383	2	Q8AZK3	Q8azk3 human herpe
1315	88.5	6.5	1229	1	P121_HUMAN	Q9Y2n3 homo sapien	1388	87.5	6.5	383	2	Q8AZK4	Q8azk4 human herpe
1316	88.5	6.5	1444	2	Q9VTN2	Q9vtn2 drosophila	1389	87.5	6.5	383	2	Q8AZK5	Q8azk5 human herpe
1317	88.5	6.5	1511	2	Q7QAA3	Q7qaa3 anopheles g	1390	87.5	6.5	383	2	Q8AZK6	Q8azk6 human herpe
1318	88.5	6.5	1514	2	Q8SY55	Q8sy55 drosophila	1391	87.5	6.5	383	2	Q8AZK8	Q8azk8 human herpe
1319	88.5	6.5	1722	2	Q19350	Q19350 caenorhabdi	1392	87.5	6.5	398	2	Q7XX07	Q7xx07 oryza sativ
1320	88.5	6.5	2898	2	Q9VLT6	Q9vit6 drosophila	1393	87.5	6.5	400	2	Q67R62	Q67r62 symbiobacte
1321	88.5	6.5	3102	2	Q45614	Q45614 caenorhabdi	1394	87.5	6.5	408	2	Q6QJ04	Q6qj04 thermozon
1322	88.5	6.5	3941	1	BSN_MOUSE	O88737 mus musculus	1395	87.5	6.5	412	2	Q9P603	Q9p603 neurospora
1323	88	6.5	78	2	Q95VT8	Q95vt8 homarus ame	1396	87.5	6.5	416	1	TRI6_CHICK	P18519 gallus gall
1324	88	6.5	186	2	Q911R5	Q911r5 vaccinia vi	1397	87.5	6.5	466	2	Q757F9	Q757p9 ashbya goss
1325	88	6.5	261	2	Q7B2X4	Q7bp24 anopheles g	1398	87.5	6.5	493	2	Q7ZTJ2	Q7ztj2 xenopus lae
1326	88	6.5	262	2	Q727K5	Q7z7k5 homo sapien	1399	87.5	6.5	548	2	Q9GQ45	Q9gq45 giardia lam
1327	88	6.5	266	2	Q9RLK1	Q9rlk1 rattus norv	1400	87.5	6.5	559	2	Q9VN36	Q9vn36 drosophila
1328	88	6.5	332	2	Q7PMJ2	Q7pmj2 anopheles g	1401	87.5	6.5	583	2	Q8MRH5	Q8mrh5 drosophila
1329	88	6.5	337	2	Q9RIK0	Q9rik0 rattus norv	1402	87.5	6.5	704	2	Q9U048	Q9u048 giardia lam
1330	88	6.5	340	1	ALC2_HUMAN	P01877 homo sapien	1403	87.5	6.5	727	2	Q7QTH0	Q7qth0 giardia lam
1331	88	6.5	351	2	Q93TS8	Q93ts8 sulfate-red	1404	87.5	6.5	735	2	Q89JRI	Q89jri bradyrhizob
1332	88	6.5	370	2	Q24990	Q24990 giardia lam	1405	87.5	6.5	769	1	ITE2_BOVIN	P32592 bos taurus
1333	88	6.5	374	2	Q9VPJ0	Q9vpj0 drosophila	1406	87.5	6.5	772	2	Q6R267	Q6r267 homo sapien
1334	88	6.5	416	2	Q9NP66	Q9np66 homo sapien	1407	87.5	6.5	772	2	Q71S64	Q71s64 homo sapien
1335	88	6.5	420	2	P91776	P91776 pacifastacu	1408	87.5	6.5	780	2	Q6DJD9	Q6ddj9 xenopus lae
1336	88	6.5	477	2	Q6GNX7	Q6gm77 homo sapien	1409	87.5	6.5	787	2	Q9VEY6	Q9vey6 drosophila
1337	88	6.5	478	2	Q6NYH3	Q6nyh3 homo sapien	1410	87.5	6.5	796	2	Q71S65	Q71s65 homo sapien
1338	88	6.5	478	2	Q7Z379	Q7z379 homo sapien	1411	87.5	6.5	797	2	Q71S61	Q71s61 homo sapien
1339	88	6.5	479	2	Q6MZV6	Q6mzv6 homo sapien	1412	87.5	6.5	814	1	AD15_HUMAN	Q13444 homo sapien
1340	88	6.5	480	2	Q6PD89	Q6pd89 homo sapien	1413	87.5	6.5	814	2	Q76I94	Q76i94 petunia hyb
1341	88	6.5	487	2	Q6ZVX0	Q6zvx0 homo sapien	1414	87.5	6.5	816	1	AD15_RAT	Q9gyv0 r adam 15 p
1342	88	6.5	490	2	Q6PWT6	Q6pwt6 homo sapien	1415	87.5	6.5	821	2	Q71S62	Q71s62 homo sapien
1343	88	6.5	492	2	Q7Z374	Q7z374 homo sapien	1416	87.5	6.5	822	2	Q71S63	Q71s63 homo sapien
1344	88	6.5	498	2	Q6N041	Q6n041 homo sapien	1417	87.5	6.5	838	2	Q71S66	Q71s66 homo sapien
1345	88	6.5	500	2	Q6N091	Q6n091 homo sapien	1418	87.5	6.5	839	2	Q71S68	Q71s68 homo sapien

1419	87.5	87.5	6.5	862	2	Q71867	Q71867 homo sapien
1420	87.5	87.5	6.5	863	2	Q71869	Q71869 homo sapien
1421	87.5	87.5	6.5	864	2	Q6P779	Q6P779 rattus norv
1422	87.5	87.5	6.5	1019	1	LFC_CARRO	Q26422 carinosecor
1423	87.5	87.5	6.5	1025	1	Q7R6J7	Q7R6J7 giardia lam
1424	87.5	87.5	6.5	1083	2	Q26423	Q26423 carinosecor
1425	87.5	87.5	6.5	1308	2	Q769I3	Q769I3 ciona intes
1426	87.5	87.5	6.5	1367	1	ANYH_YEAST	Q08640 saccharomyc
1427	87.5	87.5	6.5	1367	2	Q6LCS8	Q6LCS8 saccharomyc
1428	87.5	87.5	6.5	1428	1	ATRN_MOUSE	Q9WU60 mus musculu
1429	87.5	87.5	6.5	1461	2	Q9JLP3	Q9JLP3 mus musculu
1430	87.5	87.5	6.5	1537	2	Q7KSH7	Q7KSH7 drosophila
1431	87.5	87.5	6.5	1609	1	FIG2_YEAST	Q25653 saccharomyc
1432	87.5	87.5	6.5	1688	2	Q8SXB0	Q8SXB0 drosophila
1433	87.5	87.5	6.5	1785	2	Q8JHV7	Q8JHV7 brachydanio
1434	87.5	87.5	6.5	2043	2	Q96943	Q96943 geodia cydo
1435	87.5	87.5	6.5	2108	2	Q98UI9	Q98UI9 gallus gall
1436	87.5	87.5	6.5	2139	1	CRB_DROME	Q10040 drosophila
1437	87.5	87.5	6.5	2610	2	Q19482	Q19482 caenorhabdi
1438	87.5	87.5	6.5	3672	1	LML2_CABEL	Q21313 caenorhabdi
1439	87.5	87.5	6.5	3704	2	P91304	P91304 caenorhabdi
1440	87.5	87.5	6.5	3712	2	Q6VF97	Q6VF97 strongyloce
1441	87	87	6.4	100	2	Q962G0	Q962G0 littorina 1
1442	87	87	6.4	136	2	Q9NCR2	Q9NCR2 dendroides
1443	87	87	6.4	182	2	Q8S243	Q8S243 oryza sativ
1444	87	87	6.4	212	2	Q9SLC0	Q9SLC0 arabidopsis
1445	87	87	6.4	224	2	Q9EQL7	Q9EQL7 mus musculu
1446	87	87	6.4	263	1	FSL3_HUMAN	Q95633 homo sapien
1447	87	87	6.4	272	1	TNR4_MOUSE	P47741 mus musculu
1448	87	87	6.4	288	2	Q45453	Q45453 caenorhabdi
1449	87	87	6.4	306	1	C181_HUMAN	Q15165 homo sapien
1450	87	87	6.4	306	2	Q8BWJ4	Q8BWJ4 mus musculu
1451	87	87	6.4	312	2	Q640V7	Q640V7 xenopus lae
1452	87	87	6.4	367	1	TISD_MOUSE	P23949 mus musculu
1453	87	87	6.4	392	2	Q7WP67	Q7WP67 bordetella
1454	87	87	6.4	398	1	ASP3_CABEL	P55956 caenorhabdi
1455	87	87	6.4	400	2	Q7WIF7	Q7WIF7 bordetella
1456	87	87	6.4	425	1	TR16_RAT	P07174 rattus norv
1457	87	87	6.4	446	2	Q6P6B6	Q6P6B6 homo sapien
1458	87	87	6.4	449	2	Q871K8	Q871K8 neurospora
1459	87	87	6.4	492	1	TMS2_HUMAN	Q15393 homo sapien
1460	87	87	6.4	492	2	Q967J3	Q967J3 homo sapien
1461	87	87	6.4	534	2	Q9U211	Q9U211 caenorhabdi
1462	87	87	6.4	569	2	Q8QGV1	Q8QGV1 cyprinus ca
1463	87	87	6.4	612	2	Q7PUL0	Q7PUL0 anopheles g
1464	87	87	6.4	678	2	Q68EY0	Q68EY0 xenopus lae
1465	87	87	6.4	686	1	DL14_MOUSE	Q9J171 mus musculu
1466	87	87	6.4	795	2	Q6FLK9	Q6FLK9 candida gla
1467	87	87	6.4	837	2	Q9NAB7	Q9NAB7 anopheles g
1468	87	87	6.4	871	2	Q7QE55	Q7QE55 anopheles g
1469	87	87	6.4	913	2	Q8IG83	Q8IG83 drosophila
1470	87	87	6.4	915	1	A180_RAT	Q05140 rattus norv
1471	87	87	6.4	1023	2	Q7R251	Q7R251 neurospora
1472	87	87	6.4	1066	2	Q9VSB2	Q9VSB2 drosophila
1473	87	87	6.4	1235	2	Q95428	Q95428 homo sapien
1474	87	87	6.4	1529	1	SLT2_HUMAN	Q94813 homo sapien
1475	87	87	6.4	1823	2	Q7PRP5	Q7PRP5 anopheles g
1476	87	87	6.4	2633	2	Q7QK12	Q7QK12 anopheles g
1477	87	87	6.4	2705	2	Q9W6V6	Q9W6V6 gallus gall
1478	87	87	6.4	2766	2	Q9QZR8	Q9QZR8 rattus norv
1479	86.5	86.5	6.4	129	2	Q9NCR0	Q9NCR0 dendroides
1480	86.5	86.5	6.4	145	2	Q9BWM0	Q9BWM0 locusta mig
1481	86.5	86.5	6.4	163	2	Q9B2T2	Q9B2T2 giardia lam
1482	86.5	86.5	6.4	168	2	Q9D732	Q9D732 mus musculu
1483	86.5	86.5	6.4	195	2	Q7QGG1	Q7QGG1 giardia lam
1484	86.5	86.5	6.4	231	2	Q9NL24	Q9NL24 plasmodium
1485	86.5	86.5	6.4	259	1	K108_HUMAN	P60410 homo sapien
1486	86.5	86.5	6.4	270	1	TRPA_MYCLE	Q9CC53 mycobacteri
1487	86.5	86.5	6.4	328	1	C170_GIALA	P15799 giardia lam
1488	86.5	86.5	6.4	334	2	Q24403	Q24403 drosophila
1489	86.5	86.5	6.4	334	2	Q9VAB8	Q9VAB8 drosophila
1490	86.5	86.5	6.4	350	2	Q9CYA0	Q9CYA0 mus musculu
1491	86.5	86.5	6.4	357	2	Q6I9S3	Q6I9S3 homo sapien
1492	86.5	86.5	6.4	360	2	Q75JW8	Q75JW8 dictyosteli
1493	86.5	86.5	6.4	421	2	Q9NKE1	Q9NKE1 drosophila
1494	86.5	86.5	6.4	423	1	TR19_HUMAN	Q9NS68 homo sapien
1495	86.5	86.5	6.4	446	2	Q6ZN31	Q6ZN31 homo sapien
1496	86.5	86.5	6.4	488	2	Q9TVH4	Q9TVH4 schistosoma
1497	86.5	86.5	6.4	548	2	Q96NZ8	Q96NZ8 homo sapien
1498	86.5	86.5	6.4	589	1	SPY_DROME	Q44783 drosophila
1499	86.5	86.5	6.4	589	2	Q6AWR4	Q6AWR4 drosophila
1500	86.5	86.5	6.4	635	2	Q7QP07	Q7QP07 giardia lam
ALIGNMENTS							
RESULT 1							
Q9NPF0 PRELIMINARY; PRT; 282 AA.							
ID	Q9NPF0	PRELIMINARY;	PRT;	282	AA.		
AC	Q9NPF0;						
DT	01-OCT-2000	(TRENBLrel. 15, Created)					
DT	01-OCT-2000	(TRENBLrel. 15, Last sequence update)					
DE	25-OCT-2004	(TRENBLrel. 28, Last annotation update)					
DE	8D6 antigen	(Hypothetical protein DKFp564O1762) (8D6A protein)					
DE	(SGGW198)						
GN	Name=DKFp564O1762; Synonyms=8D6A; ORFNames=UNQ198;						
OS	Homo sapiens (Human)						
OC	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;						
OC	Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.						
OX	NCBI_TaxID=9606;						
RN	[1]						
RP	SEQUENCE FROM N.A.						
RA	Auffray C., Anseorge W., Ballabio A., Estivill X., Gibson K.,						
RA	Lehrach H., Poustka A., Lundeberg J.;						
RL	Submitted (JUL-2000) to the EMBL/GenBank/DBJ databases.						
RN	[2]						
RP	SEQUENCE FROM N.A.						
RA	Carim L., Estivill X., Escarceller M., Sunoy L.;						
RL	Submitted (JUL-2000) to the EMBL/GenBank/DBJ databases.						
RN	[3]						
RP	SEQUENCE FROM N.A.						
RC	TISSUE=Brain;						
RG	The German CDNA Consortium;						
RA	Blum H., Bauersachs S., Mewes H.W., Weil B., Amid C., Osanger A.,						
RA	Fobo G., Han M., Wiemann S.;						
RL	Submitted (SEP-2004) to the EMBL/GenBank/DBJ databases.						
RN	[4]						
RP	SEQUENCE FROM N.A.						
RC	TISSUE=Brain, and Kidney;						
RX	MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;						
RA	Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,						
RA	Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,						
RA	Altschul S.P., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,						
RA	Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,						
RA	Diatchenko L., Marusina K., Farmer A., Rubin G.M., Hong L.,						
RA	Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,						
RA	Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,						
RA	Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullaly S.J.,						
RA	Bosak S.A., McSwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,						
RA	Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,						
RA	Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,						
RA	Fahney J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,						
RA	Blakeley R.W., Touchman J.W., Green E.D., Dickinson M.C.,						
RA	Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,						
RA	Krzywinski M.I., Skalek U., Smailus D.E., Schnerch A., Schein J.E.,						
RA	Jones S.J., Marra M.A.;						
RT	"Generation and initial analysis of more than 15,000 full-length human						
RT	and mouse cDNA sequences."						
RL	Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).						
RN	[5]						
RP	SEQUENCE FROM N.A.						
RC	TISSUE=Kidney;						
RA	Strausberg R.;						
RL	Submitted (NOV-2000) to the EMBL/GenBank/DBJ databases.						

RN	[6]	SEQUENCE FROM N.A.
RP	RC	TISSUE=Brain;
RA	RA	Strausberg R.;
RL	RL	Submitted (A3R-2001) to the EMBL/GenBank/DBJ databases.
RN	[7]	
RN	SEQUENCE FROM N.A.	
RP	RP	Ebert L., Seick M., Neubert P., Schatten R., Henze S., Korn B.;
RA	RA	Submitted (JTN-2004) to the EMBL/GenBank/DBJ databases.
RL	[8]	
RN	SEQUENCE FROM N.A.	
RP	RP	MEDLINE=22887296; PubMed=12975309; DOI=10.1101/gr.1293003;
RA	RA	Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D., Brush J.,
RL	RA	Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P.,
RL	RA	Eaton D., Foster J., Grimaldi C., Gu Q., Hass P.E., Heldens S.,
RA	RA	Huang A., Kim H.S., Klimowski L., Jin Y., Johnson S., Lee J.,
RA	RA	Lewis L., Liao D., Mark M., Robbie E., Sanchez C., Schoenfeld J.,
RA	RA	Seshagiri S., Simmons L., Singh J., Smith V., Stinson J., Vagts A.,
RA	RA	Vandien R., Watanabe C., Wiewand D., Woods K., Xie M.H., Yansura D.,
RA	RA	Yi S., Yu G., Yuan J., Zhang M., Zhang Z., Goddard A., Wood W.I.,
RA	RA	Godowski P.;
RT	RT	"The secreted protein discovery initiative (SPDI), a large-scale
RT	RT	effort to identify novel human secreted and transmembrane proteins: a
RL	RL	Bioinformatics assessment.";
RL	RL	Genome Res. 13:2265-2270(2003).
RN	[9]	
RN	SEQUENCE FROM N.A.	
RP	RP	MEDLINE=20193707; PubMed=10727470;
RX	RL	Li L., Zhang X., Kovacic S., Long A.J., Bourque K., Wood C.R.,
RA	RA	Choi Y.S.;
RT	RT	"Identification of a human follicular dendritic cell molecule that
RT	RT	stimulates germinal center B cell growth.";
RL	RL	J. Exp. Med. 191:1077-1084(2000).
DR	DR	EMBL; AL336545; CAB97010.1; -
DR	DR	EMBL; AL336652; CAB66587.1; -
DR	DR	EMBL; BC000658; AAH00668.1; -
DR	DR	EMBL; BC007033; AAH07083.1; -
DR	DR	EMBL; CR45174; CAG33455.1; -
DR	DR	EMBL; AY358420; AAO88786.1; -
DR	DR	EMBL; AF161234; AAF61850.1; -
DR	DR	HSP; Q07954; ICR8.
DR	DR	GO; GO:000158; P:regulation of cell growth; NAS.
DR	DR	InterPro; IP3002172; LDL receptor_A.
DR	DR	InterPro; IP3008197; WAP.
DR	DR	Pfam; PF00057; Ldl recept_a; 2.
DR	DR	PRINTS; PR00303; 4DISULPHCORE.
DR	DR	PRINTS; PR00261; LDLRECEPTOR.
DR	DR	PROSITE; PS01209; LDLRA 1; 2.
DR	DR	PROSITE; PS53068; LDLRA_2; 2.
KW	KW	Hypothetical protein.
SQ	SQ	SEQUENCE 232 AA; 28991 MW; 59E172996GB220E4F CRC64;
		Query Match 100.0%; Score 1354; DB 2; Length 282;
		Best Local Similarity 100.0%; Pred. No. 2.5e-86;
		Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	1	GLEAAASPLSTPTSAQAAGSSGSCPTKFCRTSGLCVPLTWECRDRLDCSGSDSEEC 60
Db	30	GLEAAASPLSTPTSAQAAGSSGSCPTKFCRTSGLCVPLTWECRDRLDCSGSDSEEC 89
QY	61	RIEPCTQKQCPCPPPGPLPCPTGVSDCSGGTDKKLRNCSRLACIAGELRCTLSDDCPLT 120
Db	90	RIEPCTQKQCPCPPPGPLPCPTGVSDCSGGTDKKLRNCSRLACIAGELRCTLSDDCPLT 149
QY	121	WRCJGHPCDPSDELGCCTNEILLPEGDATTMGPPVTLESVTSURNATTMGPPVTLESVP 180
Db	150	WRCJGHPCDPSDELGCCTNEILLPEGDATTMGPPVTLESVTSURNATTMGPPVTLESVP 209
QY	181	SVGNATSSAGDSGSTPYAGVIAAAAVLSATLTATLILLSWLRAOERPLGLLYAMK 240
Db	210	SVGNATSSAGDSGSTPYAGVIAAAAVLSATLTATLILLSWLRAOERPLGLLYAMK 269
QY	241	ESLLLSBQKTSLP 253

```

[7]
RN RP STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RC STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RA The FANTOM Consortium;
RA "Analysis of the mouse transcriptome based on functional annotation of
RT 60,770 full-length cDNAs.";
RT Nature 420:563-573(2002).
[8]
RN RP STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RC STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RX MEDLINE=20493374; PubMed=11042159; DOI=10.1101/gr.145100;
RA Carninci P., Shibata Y., Hayatsu N., Sugahara Y., Shibata K., Itoh M.,
RA Konno H., Okazaki Y., Muramatsu M., Hayashizaki Y.;
RT "Normalization and subtraction of cap-trapper-selected cDNAs to
RT prepare full-length cDNA libraries for rapid discovery of new genes.";
RL Genome Res. 10:1617-1630(2000).
[9]
RN RP STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RC STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RX MEDLINE=20530913; PubMed=11076861; DOI=10.1101/gr.152600;
RA Shibata K., Itoh M., Aizawa K., Nagaoaka S., Sasaki N., Carninci P.,
RA Konno H., Akiyama J., Nishi K., Kitaunai T., Tashiro H., Itoh M.,
RA Sumi N., Ishii Y., Nakamura S., Hazama M., Nishine T., Harada A.,
RA Yamamoto R., Matsumoto H., Sakaguchi S., Ikegami T., Kashiwagi K.,
RA Fujiwaki S., Inoue K., Togawa Y., Izawa M., Ohara E., Watahiki M.,
RA Yoneda Y., Ishikawa T., Ozawa K., Tanaka T., Matsuura S., Kawai J.,
RA Okazaki Y., Muramatsu M., Inoue Y., Kita A., Hayashizaki Y.;
RT "RIKEN integrated sequence analysis (RISA) system-384-format
RT sequencing pipeline with 384 multicapillary sequencer.";
RL Genome Res. 10:1757-1771(2000).
[10]
RN RP STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RC STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RA Adachi J., Aizawa K., Akahira S., Akimura T., Aono H., Arai A.,
RA Arakawa T., Bono H., Carninci P., Fukuda S., Fukunishi Y., Furuno M.,
RA Hanagaki T., Hara A., Hayatsu N., Hiramoto K., Hiraoka T., Hori F.,
RA Imotani K., Ishii Y., Itoh M., Izawa M., Kasukawa T., Kato H.,
RA Kawai J., Kojima Y., Konno H., Kouda M., Koya S., Kurihara C.,
RA Matsuyama T., Miyazaki A., Nishi K., Nomura K., Numazaki R., Ohno M.,
RA Okazaki Y., Okido T., Owa C., Saito H., Saito R., Sakai C., Sakai K.,
RA Sogabe Y., Suzuki H., Tagami M., Tagawa A., Takahashi F., Tanaka T.,
RA Tejima Y., Toya T., Yamamura T., Yamanaka I., Yasunishi A.,
RA Yoshida K., Yoshino M., Muramatsu M., Hayashizaki Y.;
RL Submitted (APR-2002) to the EMBL/GenBank/DBJ databases.
DR ENBL; AF110520; AAC97969.1; -
DR ENBL; BC026888; AAH26888.1; -
DR ENBL; AF528162; AA01374.1; -
DR ENBL; AK078151; BAC37150.1; -
DR HSSP; P01130; 1AJJ.
DR MGD; MGI:1860083; 425018-1.
DR InterPro; IPR002172; LDL_receptor_A.
DR Pfam; PF00057; Ldl_recept_a; 2.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00192; LDLA; 2.
DR PROSITE; PS01209; LDLRA_1; 2.
DR PROSITE; PS00068; LDLRA_2; 2.
KW Hypothetical protein.
SQ SEQUENCE 260 AA; 27739 MW; 5AA3B6081C8E080C CRC64;

Query Match 51.6%; Score 698.5; DB 2; Length 260;
Best Local Similarity 57.0%; Pred. No. 7.3e-41;
Matches 146; Conservative 19; Mismatches 66; Indels 25; Gaps 4;

QY 1 GLEAAASPLTPTSAQAAGSSGSCPTTFCQRTSGLCVPLTWRCRDLDCSDGSDEEC 60
Db 25 GLEAAPAP--AHRVQVSGSRADSCPTDTFCQLTSGVGPLSWRCQDQDCSDGSDEEC 82
QY 61 RIEPCTQKGCOPPPGCPCCPTGVCSCGCTDKKLRNCSRLACLAGELRCTLSDCICPLT 120
Db 83 RIESCAQNGCQPOSALPCSCDNISGCSVSDKNL--NCSRPPOCSSELHCILDVCIPLT 141

[11]
QY 121 WRCDGHPDCPDSSDELGCCT-----NEILPBGDATTMGPPVTLBSVTSLRNATMGPPVTL 176
Db 142 WRCDGHPDCPDSSDELSCDTEIDTIDFQENATTTTISTMENETSFR----- 190
QY 177 ESVPSVGNATSSSAGDSGPTAGVTAATAAASASIVTATLLLSWLRAQERLRPLGLL 236
Db 191 -----NVFTSAGSSRNPSAYGVIAAGVLSAILVLSATLLILRLRGQGLPPLGLL 243
QY 237 VAMKESILLSEOKTSL 252
Db 244 VAVKESILLSEKRTSL 259

RESULT 3
Q641V7
ID Q641V7 PRELIMINARY; PRT; 260 AA.
AC Q641V7
DT 25-OCT-2004 (TrEMBLrel. 28, Created)
DT 25-OCT-2004 (TrEMBLrel. 28, Last sequence update)
DT 25-OCT-2004 (TrEMBLrel. 28, Last annotation update)
DE Hypothetical protein.
OS Xenopus laevis (African clawed frog).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidae; Pipidae;
OC Xenopodinae; Xenopus.
OX NCBI_TaxID=8355;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RX MEDLINE=22341132; PubMed=12454917; DOI=10.1002/dvdy.10174;
RA Klein S.L., Strausberg R.L., Wagner L., Pontius J., Clifton S.W.,
RA Richardson P.;
RT "Genetic and genomic tools for Xenopus research: The NIH Xenopus
RT initiative.";
RL Dev. Dyn. 225:384-391(2002).
RN [2]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RX PubMed=12477932; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Shenmen C.M., Schuler G.D.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Heish F.,
RA Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullaby S.J.,
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahy J., Helton E., Kettman M., Madan A., Rodriguez S., Sanchez A.,
RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,
RA Krzywicki M.I., Skaleka U., Smallus D.E., Schnerch A., Schein J.E.,
RA Jones S.J., Marra M.A.;
RT "Generation and initial analysis of more than 15,000 full-length human
RT and mouse cDNA sequences";
RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN [3]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RA Klein S., Gerhard D.S.;
RL Submitted (SEP-2004) to the EMBL/GenBank/DBJ databases.
DR ENBL; BC082147; AAH82147.1; -
KW Hypothetical protein.
SQ SEQUENCE 260 AA; 27739 MW; 5AA3B6081C8E080C CRC64;

Query Match 51.6%; Score 698.5; DB 2; Length 260;
Best Local Similarity 57.0%; Pred. No. 7.3e-41;
Matches 146; Conservative 19; Mismatches 66; Indels 25; Gaps 4;

QY 1 GLEAAASPLTPTSAQAAGSSGSCPTTFCQRTSGLCVPLTWRCRDLDCSDGSDEEC 60

```

Db 25 GLEAPAP--AHTRVQVSGRADSCPTDFQCLTSGCYVPLSWRCDDQDCSDGSEEDC 82
 QY 61 RIE?CTQKGCQPPPGPLPCTGVSVCSCGTDKRLNCSRLACLAGELCRTLSDDCIPLT 120
 Db 83 RIE?CAQNGCQPPPGPLPCTGVSVCSCGTDKRLNCSRLACLAGELCRTLSDDCIPLT 141
 QY 121 WRCDGHPDCPDSDELGCCT---NEILPEGDAATTMGPPVTLSEVSLNATTMGPPVTL 176
 Db 142 WRCDGHPDCPDSDELGCCT---NEILPEGDAATTMGPPVTLSEVSLNATTMGPPVTL 190
 QY 177 ESVPVSGNATSSAGDQSGSPYAGVIAAAVLSALVATLILLSLWRAQERLPLGLL 236
 Db 191 -----NVTFTSAGDSSRNPSAYGVIAAGVLSALVATLILLSLWRAQERLPLGLL 243
 QY 237 VAMKESLLSEOKTSL 252
 Db 244 VAVKESLLSEOKTSL 259
 RESULT 4
 Q9CWC2 PRELIMINARY; PRT; 260 AA.
 AC Q9CWC2;
 DT 01-JUN-2001 (T-EMBLrel. 17, Created)
 DT 01-JUN-2001 (T-EMBLrel. 17, Last sequence update)
 DT 01-MAR-2003 (T-EMBLrel. 23, Last annotation update)
 DE Mus musculus ES cells cDNA, RIKEN full-length enriched library,
 DE clone: C3300C7L17 product: hypothetical protein 425018-1, full insert
 DE sequence.
 GN Name=425018-1;
 OS Mus musculus (Mouse).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 OX NCBI_TaxID=10090;
 RN [1]
 RP SEQUENCE FROM N.A.
 RC STRAIN=C57BL/6J;
 RX MEDLINE=99279253; PubMed=10349636; DOI=10.1016/S0076-6879(99)03004-9;
 RA Carninci P., Hayashizaki Y.;
 RT "High-efficiency full-length cDNA cloning.";
 RL Meth. Enzymol. 303:19-44 (1999).
 RN [2]
 RP SEQUENCE FROM N.A.
 RC STRAIN=C57BL/6J;
 RX MEDLINE=21085650; PubMed=11217851; DOI=10.1038/35055500;
 RA RIKEN FANTOM Consortium;
 RT "Functional annotation of a full-length mouse cDNA collection.";
 RL Nature 409:685-690 (2001).
 RN [3]
 RP SEQUENCE FROM N.A.
 RC STRAIN=C57BL/6J;
 RX MEDLINE=20493374; PubMed=11042159; DOI=10.1101/gr.145100;
 RA Carninci P., Shibata Y., Hayatsu N., Sugahara Y., Shibata K., Itoh M.,
 RA Konno H., Otazaki Y., Muramatsu M., Hayashizaki Y.;
 RT "Normalization and subtraction of cap-trapper-selected cDNAs to
 RT prepare full-length cDNA libraries for rapid discovery of new genes.";
 RL Genome Res. 10:1617-1630 (2000).
 RN [5]
 RP SEQUENCE FROM N.A.
 RC STRAIN=C57BL/6J;
 RX MEDLINE=20530913; PubMed=11076861; DOI=10.1101/gr.152600;
 RA Shibata K., Itoh M., Aizawa K., Nagaoaka S., Sasaki N., Carninci P.,
 RA Konno H., Akiyama J., Nishi K., Kiteunai T., Tashiro H., Itoh M.,
 RA Sumi N., Ishii Y., Nakamura S., Hazama M., Nishine T., Harada A.,

RA Yamamoto R., Matsumoto H., Sakaguchi S., Ikegami T., Kashiwagi K.,
 RA Fujiwaki S., Inoue K., Togawa Y., Izawa M., Ohara E., Watahiki M.,
 RA Yoneda Y., Ishikawa T., Ozawa K., Tanaka T., Matsuura S., Kawai J.,
 RA Okazaki Y., Muramatsu M., Inoue Y., Kira A., Hayashizaki Y.;
 RT "RIKEN integrated sequence analysis (RISA) system-384-Format
 RT sequencing pipeline with 384 multicapillary sequencer.";
 RL Genome Res. 10:1757-1771 (2000).
 RN [6]
 RP SEQUENCE FROM N.A.
 RC STRAIN=C57BL/6J;
 RA Adachi J., Aizawa K., Akahira S., Akimura T., Arai A., Aono H.,
 RA Arakawa T., Bono H., Carninci P., Fukuda S., Fukunishi Y., Furuno M.,
 RA Hanagaki T., Hara A., Hayatsu N., Hiramoto K., Hiraoka T., Hori F.,
 RA Imotani K., Iehii Y., Itoh M., Izawa M., Kasukawa T., Kato H.,
 RA Kawai J., Kojima Y., Konno H., Kouda M., Koya S., Kurihara C.,
 RA Matsuyama T., Miyazaki A., Nishi K., Nomura K., Numazaki R., Ohno M.,
 RA Okazaki Y., Okido T., Owa C., Saito H., Saito R., Sakai C., Sakai K.,
 RA Sano H., Sasaki D., Shibata K., Shibata Y., Shinagawa A., Shiraki T.,
 RA Sogabe Y., Suzuki H., Tagami M., Tagawa A., Takahashi F., Tanaka T.,
 RA Tejima Y., Toya T., Yamamura T., Yasunishi A., Yoshida K., Yoshino M.,
 RA Muramatsu M., Hayashizaki Y.;
 RL Submitted (AUG-2000) to the EMBL/GenBank/DBJ databases.
 DR EMBL; AK021187; BAB32321.1; -.
 DR HSSP; P01130; 1AJJ.
 DR MGD; MGI:1860083; 425018-1.
 DR InterPro; IPR002172; LDL_receptor_A.
 DR Pfam; PF00057; Ldl_recept_a; 2.
 DR PRINTS; PR00261; LDLRECEPTOR.
 DR SMART; SM00192; LDLA; 2.
 DR PROSITE; PS01209; LDLRA_1; 2.
 DR PROSITE; PS0068; LDLRA_2; 2.
 KW Hypothetical protein.
 SQ SEQUENCE 260 AA; 27799 MW; 5ABFCF6D15E27169 CRC64;
 Query Match 51.1%; Score 692.5; DB 2; Length 260;
 Best Local Similarity 56.6%; Pred. No. 1.9e-40;
 Matches 145; Conservative 19; Mismatches 67; Indels 25; Gaps 4;
 QY 1 GLEAAAPLSTPTISQAAGPSSGSCPTTFCQCTSGCYVPLSWRCDDQDCSDGSEEDC 60
 Db 25 GLEAAPAP--AHTRVQVSGRADSCPTDFQCLTSGCYVPLSWRCDDQDCSDGSEEDC 82
 QY 61 RIEPCTQKGCQPPPGPLPCTGVSVCSCGTDKRLNCSRLACLAGELCRTLSDDCIPLT 120
 Db 83 RIESCAQNGCQPPPGPLPCTGVSVCSCGTDKRLNCSRLACLAGELCRTLSDDCIPLT 141
 QY 121 WRCDGHPDCPDSDELGCCT---NEILPEGDAATTMGPPVTLSEVSLNATTMGPPVTL 176
 Db 142 WRCDGHPDCPDSDELGCCT---NEILPEGDAATTMGPPVTLSEVSLNATTMGPPVTL 190
 QY 177 ESVPVSGNATSSAGDQSGSPYAGVIAAAVLSALVATLILLSLWRAQERLPLGLL 236
 Db 191 -----NVTFTSAGDSSRNPSAYGVIAAGVLSALVATLILLSLWRAQERLPLGLL 243
 QY 237 VAMKESLLSEOKTSL 252
 Db 244 VAVKESLLSEOKTSL 259
 RESULT 5
 Q8C2Q4 PRELIMINARY; PRT; 260 AA.
 ID Q8C2Q4;
 AC Q8C2Q4;
 DT 01-MAR-2003 (T-EMBLrel. 23, Created)
 DT 01-MAR-2003 (T-EMBLrel. 23, Last sequence update)
 DT 01-OCT-2003 (T-EMBLrel. 25, Last annotation update)
 DE Mus musculus 2 days neonate thymic cells cDNA, RIKEN full-
 DE length enriched library, clone:E430005M19 product:hypothetical protein
 DE 425018-1, full insert sequence.
 DE Name=425018-1;
 OS Mus musculus (Mouse).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

RA Gafvels M.E., Caird M., Britt D., Jackson C.L., Patterson D.,
RA Straus J.F.;
RT "Cloning of a cDNA encoding a putative human very low density
RT lipoprotein/apolipoprotein E receptor and assignment of the gene to
RT chromosome 9pter-p23.";
RL Somat. Cell Mol. Genet. 19:557-569(1993).
RN [2]
RP SEQUENCE FROM N.A.
RX TISSUE=Heart;
RX MEDLINE=94348496; PubMed=8069294;
RA Sakai J., Hoshino A., Takahashi S., Miura Y., Ishii H., Suzuki H.,
RA Kawarabayashi Y., Yamamoto T.;
RT "Characterization and tissue-specific expression of the human 'very
RT low density lipoprotein (VLDL) receptor' mRNA.";
RL Hum. Mol. Genet. 3:531-537(1994).
RN [3]
RP SEQUENCE FROM N.A.
RX MEDLINE=94124575; PubMed=8294473;
RA Sakai J., Hoshino A., Takahashi S., Miura Y., Ishii H., Suzuki H.,
RA Kawarabayashi Y., Yamamoto T.;
RT "Structure, chromosome location, and expression of the human very low
RT density lipoprotein receptor gene.";
RL J. Biol. Chem. 269:2173-2182(1994).
RN [4]
RP SEQUENCE FROM N.A.
RX TISSUE=Heart;
RX MEDLINE=94292216; PubMed=8020981;
RA Oka K., Tsung K.W., Sullivan M., Lindsay E., Baldini A., Chan L.;
RT "Human very-low-density lipoprotein receptor complementary DNA and
RT deduced amino acid sequence and localization of its gene (VLDLR) to
RT chromosome band 9p24 by fluorescence in situ hybridization.";
RL Genomics 20:298-300(1994).
RN [5]
RP VARIANTS ILE-59 AND LYS-379.
RX MEDLINE=99318093; PubMed=10391209; DOI=10.1038/10290;
RA Cargill M., Altshuler D., Ireland J., Sklar P., Ardlie K., Patil N.,
RA Shaw N., Lane C.R., Lim E.P., Kalyanaram N., Nemesh J., Ziaugra L.,
RA Friedland L., Rolfe A., Warrington J., Lipshutz R., Daley G.Q.,
RA Lander E.S.;
RT "Characterization of single-nucleotide polymorphisms in coding regions
RT of human genes.";
RL Nat. Genet. 22:231-238(1999).
RN [6]
RP ERRATUM.
RX PubMed=10545957;
RA Cargill M., Altshuler D., Ireland J., Sklar P., Ardlie K., Patil N.,
RA Shaw N., Lane C.R., Lim E.P., Kalyanaram N., Nemesh J., Ziaugra L.,
RA Friedland L., Rolfe A., Warrington J., Lipshutz R., Daley G.Q.,
RA Lander E.S.;
RL Nat. Genet. 23:373-373(1999).
CC -!- FUNCTION: Binds VLDL and transports it into cells by endocytosis.
CC In order to be internalized, the receptor-ligand complexes must
CC first cluster into clathrin-coated pits. Binding to Reelin induces
CC tyrosine phosphorylation of Dab1 and modulation of Tau
CC phosphorylation (by similarity).
CC -!- SUBUNIT: Binds to the extracellular matrix protein Reelin (By
CC similarity). Interacts with Dab1.
CC -!- SUBCELLULAR LOCATION: Type I membrane protein.
CC -!- ALTERNATIVE PRODUCTS:
CC Event=Alternative splicing; Named isoforms=2;
CC Name=Long;
CC IsoId=P98155-1; Sequence=Displayed;
CC Name=Short;
CC IsoId=P98155-2; Sequence=VSP_004304;
CC -!- TISSUE SPECIFICITY: Abundant in heart and skeletal muscle; also
CC ovary and kidney; not in liver.
CC -!- SIMILARITY: Contains 3 EGF-like domains.
CC -!- SIMILARITY: Contains 8 LDL-receptor class A domains.
CC -!- SIMILARITY: Contains 6 LDL-receptor class B domains.
CC -----
CC This SWISS-PROT entry is copyright. It is produced through a collaboration
CC between the Swiss Institute of Bioinformatics and the EMBL outstation -
CC the European Bioinformatics Institute. There are no restrictions on its
CC use by non-profit institutions as long as its content is in no way

CC modified and this statement is not removed. Usage by and for commercial
CC entities requires a license agreement (see http://www.isb-sib.ch/announce/
CC or send an email to license@isb-sib.ch).
CC -----
CC EMBL; L20470; AAA53684.1; -;
CC EMBL; D16532; BAA03969.1; -;
CC EMBL; D16495; BAA03969.1; JOINED.
CC EMBL; D16508; BAA03969.1; JOINED.
CC EMBL; D16510; BAA03969.1; JOINED.
CC EMBL; D16514; BAA03969.1; JOINED.
CC EMBL; D16516; BAA03969.1; JOINED.
CC EMBL; D16518; BAA03969.1; JOINED.
CC EMBL; D16520; BAA03969.1; JOINED.
CC EMBL; D16522; BAA03969.1; JOINED.
CC EMBL; D16523; BAA03969.1; JOINED.
CC EMBL; D16524; BAA03969.1; JOINED.
CC EMBL; D16525; BAA03969.1; JOINED.
CC EMBL; D16526; BAA03969.1; JOINED.
CC EMBL; D16527; BAA03969.1; JOINED.
CC EMBL; D16528; BAA03969.1; JOINED.
CC EMBL; D16529; BAA03969.1; JOINED.
CC EMBL; D16530; BAA03969.1; JOINED.
CC EMBL; D16531; BAA03969.1; JOINED.
CC EMBL; S72849; AAB31735.1; -;
CC EMBL; D16493; BAA03945.1; -;
CC EMBL; D16494; BAA03946.1; -;
CC EMBL; L22431; AAA61344.1; -;
CC PIR; A49729; A49729.
CC HSSP; P01130; 1AJJ.
CC Genew; HGNC:12698; VLDLR.
CC MIM; 192977; -;
CC GO; GO:0005886; C:plasma membrane; TAS.
CC GO; GO:0005041; F:low-density lipoprotein receptor activity; TAS.
CC GO; GO:0007613; P:memory; TAS.
CC GO; GO:0007399; P:neurogenesis; TAS.
CC GO; GO:0007165; P:signal transduction; TAS.
CC InterPro; IPR000152; Asx_hydroxyl_S.
CC InterPro; IPR000742; EGF_2.
CC InterPro; IPR001881; EGF_Ca.
CC InterPro; IPR006209; EGF_like.
CC InterPro; IPR002172; LDL_receptor_A.
CC InterPro; IPR000033; Ldl_receptor_rep.
CC Pfam; PF00008; EGF_2.
CC Pfam; PF00057; Ldl_recept_a; 8.
CC Pfam; PF00058; Ldl_recept_b; 5.
CC PRINTS; PR00261; LDLRECEPTOR.
CC SMART; SM00179; EGF_CA; 2.
CC SMART; SM00192; LDLA; 8.
CC SMART; SM00135; LY; 5.
CC PROSITE; PS00010; ASX_HYDROXYL; 2.
CC PROSITE; PS00022; EGF_1; FALSE_NEG.
CC PROSITE; PS01186; EGF_2; 3.
CC PROSITE; PS50026; EGF_3; 2.
CC PROSITE; PS01187; EGF_CA; 1.
CC PROSITE; PS01209; LDLRA_1; 8.
CC PROSITE; PS50068; LDLRA_2; 8.
CC KW EGF-like domain; Endocytosis; Cholesterol metabolism; Coated pits;
CC EGF-like domain; Endocytosis; Glycoprotein; Lipid transport;
CC Polymorphism; Receptor; Repeat; Signal; Transmembrane; VLDL.
CC SIGNAL 1 27 Potential.
CC FT CHAIN 28 873 Very low-density lipoprotein receptor.
CC FT DOMAIN 28 797 Extracellular (Potential).
CC FT TRANSMEM 798 819 Potential.
CC FT DOMAIN 820 873 Cytoplasmic (Potential).
CC FT DOMAIN 31 69 LDL-receptor class A 1.
CC FT DOMAIN 70 110 LDL-receptor class A 2.
CC FT DOMAIN 111 151 LDL-receptor class A 3.
CC FT DOMAIN 152 190 LDL-receptor class A 4.
CC FT DOMAIN 191 231 LDL-receptor class A 5.
CC FT DOMAIN 237 275 LDL-receptor class A 6.
CC FT DOMAIN 276 314 LDL-receptor class A 7.
CC FT DOMAIN 316 355 LDL-receptor class A 8.
CC FT DOMAIN 356 395 EGF-like 1.

```
FT DOMAIN 396 435 EGF-like 2, calcium-binding (Potential).
FT REPEAT 439 480 LDL-receptor class B 1.
FT REPEAT 481 524 LDL-receptor class B 2.
FT REPEAT 525 567 LDL-receptor class B 3.
FT REPEAT 568 611 LDL-receptor class B 4.
FT REPEAT 612 654 LDL-receptor class B 5.
FT REPEAT 655 696 LDL-receptor class B 6.
FT DOMAIN 702 750 EGF-like 3.
FT DOMAIN 751 790 Clustered O-linked oligosaccharides.
FT SITE 832 837 Endocytosis signal (Potential).
FT DISULFID 33 45 By similarity.
FT DISULFID 40 58 By similarity.
FT DISULFID 52 67 By similarity.
FT DISULFID 72 84 By similarity.
FT DISULFID 79 97 By similarity.
FT DISULFID 91 108 By similarity.
FT DISULFID 113 127 By similarity.
FT DISULFID 120 140 By similarity.
FT DISULFID 134 149 By similarity.
FT DISULFID 154 166 By similarity.
FT DISULFID 161 179 By similarity.
FT DISULFID 173 188 By similarity.
FT DISULFID 193 205 By similarity.
FT DISULFID 200 218 By similarity.
FT DISULFID 212 229 By similarity.
FT DISULFID 239 251 By similarity.
FT DISULFID 246 264 By similarity.
FT DISULFID 258 273 By similarity.
FT DISULFID 278 290 By similarity.
FT DISULFID 285 303 By similarity.
FT DISULFID 297 312 By similarity.
FT DISULFID 318 331 By similarity.
FT DISULFID 326 344 By similarity.
FT DISULFID 338 355 By similarity.
FT DISULFID 360 371 By similarity.
FT DISULFID 367 380 By similarity.
FT DISULFID 382 394 By similarity.
FT DISULFID 400 410 By similarity.
FT DISULFID 436 419 By similarity.

Query Match 20.5%; Score 277; DB 1; Length 873;
Best Local Similarity 38.5%; Pred. No. 4.6e-11;
Matches 55; Conservative 15; Mismatches 61; Indels 12; Gaps 5;

QY 12 PLSAAGPS-SGSCPTTFQCTGSLCVPLTWRCRDRLDCSDGSEECRIEPCQTQ--- 67
DB 19 PRESAGTGTRKAKCEPSQFC-TNGRCITLLWKCDGDEDCVDGSDKNCVKTKCAESDF 77

QY 68 ---KGQCPPLPGPCCTGVSDCGGTDKKLRNCSRLACLAGELRG-TLSDDCIPLTWRC 123
DB 78 VCNNGQCVPS---RWKCDGDPDCEDGSDSPQCHMRTCRINEISCAHSTQCIPIVSWRC 134

QY 124 DGHPCPDSSDELGGC 146
DB 135 DGENCDGDEBNCNITCSPD 157

RESULT 10
Q6S4M1 PRELIMINARY; PRT; 873 AA.
AC Q6S4M1;
DT 05-JUL-2004 (TrEMBLrel. 27, Created)
DT 05-JUL-2004 (TrEMBLrel. 27, Last sequence update)
DE Very low density lipoprotein receptor.
OS Macaca mulatta (Rhesus macaque).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Cercopitheciidae;
OC Cercopitheciinae; Macaca.
OX NCBI_TaxID=9544;
RN [1]
RP SEQUENCE FROM N.A.
RA Nomura S., Merched A., Oka K., Nour E., Dieker C., Finegold M.,

RA Beaudet A., Chan L.;
RL Submitted (NOV-2003) to the EMBL/GenBank/DBJ databases.
DR EMBL; AY466855; AAR83314.1; -.
DR HSSP; P01130; IAJU.
DR GO; GO:0016020; C:membrane; IEA.
DR GO; GO:0005509; F:calcium ion binding; IEA.
DR GO; GO:0004872; F:receptor activity; IEA.
DR InterPro; IPR000152; Asx hydroxyl_s.
DR InterPro; IPR000742; EGF_2.
DR InterPro; IPR001881; EGF_Ca.
DR InterPro; IPR006209; EGF_Like.
DR InterPro; IPR006210; IEGF.
DR InterPro; IPR002172; LDL receptor A.
DR InterPro; IPR000033; Ldl_receptor_rep.
DR Pfam; PF00008; EGF_1.
DR Pfam; PF07645; EGF_CA; 1.
DR Pfam; PF00057; Ldl_recept_a; 8.
DR Pfam; PF00058; Ldl_recept_b; 5.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00181; EGF; 6.
DR SMART; SM00179; EGF_CA; 2.
DR SMART; SM00192; LDLA; 8.
DR SMART; SM00135; LY; 5.
DR PROSITE; PS00010; ASX HYDROXYL; 2.
DR PROSITE; PS01186; EGF_2; 3.
DR PROSITE; PS00026; EGF_3; 1.
DR PROSITE; PS01187; EGF_CA; 1.
DR PROSITE; PS01209; LDLRA_1; 7.
DR PROSITE; PS00068; LDLRA_2; 8.
DR PROSITE; PS00068; Lipoprotein; Receptor.
KW EGF-like domain; Lipoprotein; Receptor.
SQ SEQUENCE 873 AA; 96314 MW; 1017F7DEA6E43EB1 CRC64;

Query Match 20.5%; Score 277; DB 2; Length 873;
Best Local Similarity 39.7%; Pred. No. 4.6e-11;
Matches 54; Conservative 14; Mismatches 56; Indels 12; Gaps 5;

QY 12 PLSAAGPS-SGSCPTTFQCTGSLCVPLTWRCRDRLDCSDGSEECRIEPCQTQ--- 67
DB 19 PRESAGTGTRKAKCEPSQFC-TNGRCITLLWKCDGDEDCVDGSDKNCVKTKCAESDF 77

QY 68 ---KGQCPPLPGPCCTGVSDCGGTDKKLRNCSRLACLAGELRG-TLSDDCIPLTWRC 123
DB 78 VCNNGQCVPS---RWKCDGDPDCEDGSDSPQCHMRTCRINEISCAHSTQCIPIVSWRC 134

QY 124 DGHPCPDSSDELGGC 139
DB 135 DGENCDGDEBNCNG 150

RESULT 11
Q8NAN7 PRELIMINARY; PRT; 752 AA.
AC Q8NAN7;
DT 01-OCT-2002 (TrEMBLrel. 22, Created)
DT 01-OCT-2002 (TrEMBLrel. 22, Last sequence update)
DT 01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
DE Hypothetical protein FLJ35062.
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Brain;
RX PubMed=14702039; DOI=10.1038/ngl1285;
RA Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R.,
RA Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H.,
RA Sekine M., Oobayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S.,
RA Yamamoto K., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K.,
RA Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A.,
RA Sudo H., Hoshiro T., Kaku Y., Kodaira H., Kondo H., Sugawara M.,
RA Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y.,
RA Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M.,
```

RA Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K.,
 RA Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S.,
 RA Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J.,
 RA Kanehori K., Takahashi-Fujii A., Hara H., Tanase T., Nomura Y.,
 RA Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N.,
 RA Musahino K., Yuuki H., Ohnita A., Sasaki N., Aotsuka S.,
 RA Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S.,
 RA Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O.,
 RA Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H.,
 RA Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B.,
 RA Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y.,
 RA Fujimori Y., Komiyama M., Tanigami A., Fujiiwara T.,
 RA Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y.,
 RA Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S.,
 RA Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T.,
 RA Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M.,
 RA Togaishi T., Oyama M., Hata H., Watanabe M., Komatsu T.,
 RA Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K.,
 RA Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R.,
 RA Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.;
 RT "Complete sequencing and characterization of 21,243 full-length human
 cDNAs";
 RL Nat. Genet. 36:40-45(2004).
 DR EMBL; AK092381; BAC03874.1; -.
 DR HSSP; P01130; IAJJ.
 DR GO; GO:0016020; C:membrane; IEA.
 DR GO; GO:0005509; F:calcium ion binding; IEA.
 DR GO; GO:0004872; F:receptor activity; IEA.
 DR InterPro; IPR000152; Axh_hydroxyl_5.
 DR InterPro; IPR000742; EGF_2.
 DR InterPro; IPR001881; EGF_CA.
 DR InterPro; IPR006209; EGF like.
 DR InterPro; IPR002172; LDL_receptor A.
 DR InterPro; IPR000033; LDL_receptor_rep.
 DR Pfam; PF00008; EGF_2.
 DR Pfam; PF07645; EGF_CA; 1.
 DR Pfam; PF00057; Ldl_recept_a; 5.
 DR Pfam; PF00058; Ldl_recept_b; 5.
 DR PRINTS; PR00261; LDLRECEPTOR.
 DR SMART; SM00179; EGF CA; 2.
 DR SMART; SM00192; LDLA; 5.
 DR SMART; SM00135; LY; 5.
 DR PROSITE; PS00010; ASX_HYDROXYL; 2.
 DR PROSITE; PS01186; EGF_2; 3.
 DR PROSITE; PS00026; EGF_3; 1.
 DR PROSITE; PS01187; EGF_CA; 1.
 DR PROSITE; PS01209; LDLA_1; 5.
 DR PROSITE; PS00068; LDLA_2; 5.
 KW EGF-like domain; Lipoprotein; Receptor.
 SQ SEQUENCE 752 AA; 82878 MW; 8ADE9030B57E6771 CRC64;
 Query Match 20.4%; Score 276.5; DB 2; Length 752;
 Best Local Similarity 39.6%; Pred. No. 4.3e-11;
 Matches 57; Conservative 19; Mismatches 58; Indels 11; Gaps 6;
 QY 12 PTAQAAGPS-SGSCPTKFCQRTSGLCVPLTWRCDRDLDCSGSDEECRIEPC-TQKG 69
 DB 19 PRESATGATGRKAKCEPSQFC-TNGRCITLLWKCDGDEDCVGSDELDCAPTQGAHEP 77
 QY 70 QCPPLPGLPCP--CTGVSDCGSGTDDKLRNCSR-----LACLAGELRCTLSDDCIPLTW 122
 DB 78 QCTSSCIPISWVCDDADCSQSDSLEQCGRQPVHTKCPASEIQCG-SGRCIHKKWR 136
 QY 123 CDGHPDCPSDELGCTNEILPE 146
 DB 137 CDGDPCKSGSDEVNCPSTRCPED 160
 RESULT 12
 ID Q90W12 PRELIMINARY; PRT; 847 AA.
 AC Q90W12;
 DT 01-DEC-2001 (TrEMBLrel. 19, Created)

DT 01-DEC-2001 (TrEMBLrel. 19, Last sequence update)
 DT 01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
 DE Vitellogenin receptor precursor.
 GN Nameavtg receptor;
 OS Oncorhynchus mykiss (Rainbow trout) (Salmo gairdneri).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Actinopterygii; Neopterygii; Teleostei; Euteleostei;
 OC Protacanthopterygii; Salmoniformes; Salmonidae; Oncorhynchus.
 OX NCBI_TaxID=8022;
 RN [1]
 RP SEQUENCE FROM N.A.
 RA Davail B., Pakdel F., Bujo H., Perazzolo L., Wacławek M.,
 RA Schneider W., Le Menn F.;
 RT "Evolution of oogenesis: the receptor for vitellogenin from the
 rainbow trout";
 RL J. Lipid Res. 3:1929-1937(1998).
 RN [2]
 RP SEQUENCE FROM N.A.
 RA Pakdel F.;
 RL Submitted (OCT-2001) to the EMBL/GenBank/DBJ databases.
 DR EMBL; AJ417877; CAD10640.1; -.
 DR HSSP; P01130; ID2J.
 DR GO; GO:0016020; C:membrane; IEA.
 DR GO; GO:0005509; F:calcium ion binding; IEA.
 DR GO; GO:0004872; F:receptor activity; IEA.
 DR Pfam; PF00008; EGF_1.
 DR Pfam; PF07645; EGF CA; 1.
 DR Pfam; PF00057; Ldl_recept_a; 8.
 DR Pfam; PF00058; Ldl_recept_b; 5.
 DR PRINTS; PR00261; LDLRECEPTOR.
 DR SMART; SM00179; EGF CA; 1.
 DR SMART; SM00192; LDLA; 8.
 DR SMART; SM00135; LY; 5.
 DR PROSITE; PS00010; ASX_HYDROXYL; 2.
 DR PROSITE; PS01187; EGF_CA; 2.
 DR PROSITE; PS01209; LDLA_1; 8.
 DR PROSITE; PS00068; LDLA_2; 8.
 KW EGF-like domain; Receptor; Signal.
 FT SIGNAL 1 22 Potential.
 SQ SEQUENCE 847 AA; 93784 MW; 4F3CC2B10812DD1 CRC64;
 Query Match 20.4%; Score 276.5; DB 2; Length 847;
 Best Local Similarity 31.4%; Pred. No. 4.8e-11;
 Matches 59; Conservative 24; Mismatches 76; Indels 29; Gaps 5;
 QY 21 SSGSCPTKFCQRTSGLCVPLTWRCDRDLDCSGSDEECRIEPC-TQ-----KGQCPPP 74
 DB 24 SKTECEPSQFC-QNGRCIPSVWQCDGDEDCSGSDENTCVRTCAEVDVFCRNGQCVPK 82
 QY 75 PGLPFCPTGVSDCGSGTDDKLRNCSRCLACLAGELRCTL-SDDCIPLTWRCGHDPDCPSS 133
 DB 83 ---RWHCDGEPDCGSDERVEVCHTRTCRVNBFSGAGSTQCIPIVFKCDGKCDHGE 139
 QY 134 DELGCGTNEILPREGDATTTGPPVTLESVTLRNATMGPPVTLESVPSVGNATSSAGDQ 193
 DB 140 DEMSCGN-----ITCASLEFTCASGRCLSNFVNCNGDDCGDGSDEQ 181
 QY 194 SGSPATVG 201
 DB 182 ECAPSSCG 189
 RESULT 13
 ID Q91YY0 PRELIMINARY; PRT; 845 AA.
 AC Q91YY0;
 DT 01-DEC-2001 (TrEMBLrel. 19, Created)
 DT 01-DEC-2001 (TrEMBLrel. 19, Last sequence update)
 DT 01-MAR-2004 (TrEMBLrel. 26, Last annotation update)
 DE Vldlr protein.
 GN Name=Vldlr;
 OS Mus musculus (Mouse).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

OC	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.	AC	P98156; Q64022;
OX	NCBI_TaxID=11090;	DT	01-OCT-1996 (Rel. 34, Created)
RN	[1]	DT	01-OCT-1996 (Rel. 34, Last sequence update)
RP	SEQUENCE FROM N.A.	DT	05-JUL-2004 (Rel. 44, Last annotation update)
RC	STRAIN=FVB/N; TISSUE=Mammary tumor;	DE	Very low-density lipoprotein receptor precursor (VLDL receptor).
RX	MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;	GN	Name=Vldlr;
RA	Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,	OS	Mus musculus (Mouse).
RA	Klausner R.D., Collins F.S., Wagner L., Shemen C.M., Schuler G.D.,	OC	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
RA	Altshul S.P., Zebberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,	OC	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
RA	Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,	OX	NCBI_TaxID=10090;
RA	Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,	RN	[1]
RA	Stapleton M., Soares M.B., Bonaldo M.P., Casavant T.L., Scheetz T.E.,	RP	SEQUENCE FROM N.A.
RA	Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,	RC	STRAIN=BALE/C; TISSUE=Heart;
RA	Raha S.S., Lcquellano N.A., Peters G.J., Abramson R.D., Mullaly S.J.,	RX	MEDLINE=95010090; PubMed=7925422;
RA	Bosk S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,	RA	Oka K., Ishimura-Oka K., Chu M.J., Sullivan M., Krushkal J., Li W.H.,
RA	Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,	RA	Chan L.;
RA	Villalon D.K., Muny D.M., Sodergren E.J., Lu X., Gibbs S.A.,	RT	"Mouse very-low-density-lipoprotein receptor (VLDLR) cDNA cloning, low-
RA	Fahey J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,	RT	tissue-specific expression and evolutionary relationship with the
RA	Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,	RT	density-lipoprotein receptor.";
RA	Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,	RL	Eur. J. Biochem. 224:975-982(1994).
RA	Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,	RN	[2]
RA	Krzywinski M.I., Skalska U., Smalhus D.E., Schnerch A., Schein J.E.,	RP	SEQUENCE FROM N.A.
RA	Jones S.J., Marra M.A.;	RC	TISSUE=Skeletal muscle;
RT	"Generation and initial analysis of more than 15,000 full-length human	RX	MEDLINE=94283285; PubMed=8013374; DOI=10.1210/en.135.1.387;
RT	and mouse cDNA sequences.";	RA	Gafvels M.E., Paavola L.G., Boyd C.O., Nolan P.M., Wittmaack F.,
RL	Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).	RA	Chawla A., Lazar M.A., Bucan M., Angelin B.O., Strauss J.F.;
RN	[2]	RT	"Cloning of a complementary deoxyribonucleic acid encoding the murine
RP	SEQUENCE FROM N.A.	RT	homolog of the very low density lipoprotein/apolipoprotein-E receptor:
RC	STRAIN=FVB/N; TISSUE=Mammary tumor;	RT	expression pattern and assignment of the gene to mouse chromosome
RA	Strausberg R.	RT	19.";
RL	Submitted (SEP-2001) to the EMBL/GenBank/DBJ databases.	RN	Endocrinology 135:387-394(1994).
DR	EMBL; BC013621; AAH13622.1; -.	RL	[3]
DR	HSSP; P01130; 1D2J	RP	SEQUENCE OF 204-262 FROM N.A.
DR	MGD; MGI:98938; Vldlr.	RX	MEDLINE=95003355; PubMed=7919660;
DR	GO; GO:0005615; C:extracellular space; TAS.	RA	Naggert J.K., Mu J.L.;
DR	GO; GO:0016021; C:integral to membrane; TAS.	RT	"The mouse very low density lipoprotein receptor (Vldlr) gene maps to
DR	Pfam; PF00008; EGF_1.	RT	chromosome 19.";
DR	Pfam; PF07645; EGF CA; 1.	RL	Mamm. Genome 5:453-455(1994).
DR	Pfam; PF00057; Ldl_recept_a; 8.	RN	[4]
DR	Pfam; PF00058; Ldl_recept_b; 5.	RP	BINDING TO REELIN.
DR	PRINTS; PR00261; LDLRECEPTOR.	RX	MEDLINE=20036019; PubMed=10571241; DOI=10.1016/S0896-6273(00)80861-2;
DR	SMART; SM00179; EGF CA; 2.	RA	Hiesberger T., Trommsdorff M., Howell B.W., Goffinet A.M., Mumby M.C.,
DR	SMART; SM00192; LDLA; 8.	RA	Cooper J.A., Herz J.;
DR	SMART; SM00135; LV; 5.	RT	"Direct binding of Reelin to VLDL receptor and ApoE receptor 2 induces
DR	PROSITE; PS00010; ASX HYDROXYL; 2.	RT	tyrosine phosphorylation of disabled-1 and modulates tau
DR	PROSITE; PS01136; EGF_2; 3.	RT	phosphorylation.";
DR	PROSITE; PS00026; EGF_3; 1.	RL	Neuron 24:481-489(1999).
DR	PROSITE; PS01137; EGF CA; 1.	CC	-!- FUNCTION: Binds VLDL and transports it into cells by endocytosis.
DR	PROSITE; PS01239; LDLRA_1; 8.	CC	In order to be internalized, the receptor-ligand complexes must
DR	PROSITE; PS00038; LDLRA_2; 8.	CC	first cluster into clathrin-coated pits. Binding to Reelin induces
KW	EGF-like domain.	CC	tyrosine phosphorylation of Dab1 and modulation of Tau
SQ	SEQUENCE 845 AA; 93535 MW; 096FC2E4AFDA94FD CRC64;	CC	phosphorylation.
		CC	-!- SUBUNIT: Binds to the extracellular matrix protein Reelin.
		CC	Interacts with DAB1.
		CC	-!- SUBCELLULAR LOCATION: Type I membrane protein.
		CC	-!- TISSUE SPECIFICITY: Abundant in heart and muscle; less in kidney,
		CC	brain, ovary, testis, lung and adipose tissue.
		CC	-!- MISCELLANEOUS: LRP8 and VLDLR together are required for correct
		CC	embryonic development in the brain. Targeted disruption of both
		CC	genes results in a phenotype virtually indistinguishable from that
		CC	seen in "reeler" and "scrambler" mice. Subtle effects of VLDLR
		CC	deletion are found mainly in the cerebellum, whereas lack of LRP8
		CC	predominantly affects the positioning of the neurons in the
		CC	neocortex.
		CC	-!- SIMILARITY: Contains 3 EGF-like domains.
		CC	-!- SIMILARITY: Contains 8 LDL-receptor class A domains.
		CC	-!- SIMILARITY: Contains 6 LDL-receptor class B domains.
		CC	-----
		CC	This SWISS-PROT entry is copyright. It is produced through a collaboration
		CC	between the Swiss Institute of Bioinformatics and the EMBL outstation -
		CC	the European Bioinformatics Institute. There are no restrictions on its
		CC	use by non-profit institutions as long as its content is in no way
		CC	modified and this statement is not removed. Usage by and for commercial

OC	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.	AC	P98156; Q64022;
OX	NCBI_TaxID=11090;	DT	01-OCT-1996 (Rel. 34, Created)
RN	[1]	DT	01-OCT-1996 (Rel. 34, Last sequence update)
RP	SEQUENCE FROM N.A.	DT	05-JUL-2004 (Rel. 44, Last annotation update)
RC	STRAIN=FVB/N; TISSUE=Mammary tumor;	DE	Very low-density lipoprotein receptor precursor (VLDL receptor).
RX	MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;	GN	Name=Vldlr;
RA	Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,	OS	Mus musculus (Mouse).
RA	Klausner R.D., Collins F.S., Wagner L., Shemen C.M., Schuler G.D.,	OC	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
RA	Altshul S.P., Zebberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,	OC	Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
RA	Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,	OX	NCBI_TaxID=10090;
RA	Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,	RN	[1]
RA	Stapleton M., Soares M.B., Bonaldo M.P., Casavant T.L., Scheetz T.E.,	RP	SEQUENCE FROM N.A.
RA	Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,	RC	STRAIN=BALE/C; TISSUE=Heart;
RA	Raha S.S., Lcquellano N.A., Peters G.J., Abramson R.D., Mullaly S.J.,	RX	MEDLINE=95010090; PubMed=7925422;
RA	Bosk S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,	RA	Oka K., Ishimura-Oka K., Chu M.J., Sullivan M., Krushkal J., Li W.H.,
RA	Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,	RA	Chan L.;
RA	Villalon D.K., Muny D.M., Sodergren E.J., Lu X., Gibbs S.A.,	RT	"Mouse very-low-density-lipoprotein receptor (VLDLR) cDNA cloning, low-
RA	Fahey J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,	RT	tissue-specific expression and evolutionary relationship with the
RA	Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,	RT	density-lipoprotein receptor.";
RA	Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,	RL	Eur. J. Biochem. 224:975-982(1994).
RA	Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,	RN	[2]
RA	Krzywinski M.I., Skalska U., Smalhus D.E., Schnerch A., Schein J.E.,	RP	SEQUENCE FROM N.A.
RA	Jones S.J., Marra M.A.;	RC	TISSUE=Skeletal muscle;
RT	"Generation and initial analysis of more than 15,000 full-length human	RX	MEDLINE=94283285; PubMed=8013374; DOI=10.1210/en.135.1.387;
RT	and mouse cDNA sequences.";	RA	Gafvels M.E., Paavola L.G., Boyd C.O., Nolan P.M., Wittmaack F.,
RL	Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).	RA	Chawla A., Lazar M.A., Bucan M., Angelin B.O., Strauss J.F.;
RN	[2]	RT	"Cloning of a complementary deoxyribonucleic acid encoding the murine
RP	SEQUENCE FROM N.A.	RT	homolog of the very low density lipoprotein/apolipoprotein-E receptor:
RC	STRAIN=FVB/N; TISSUE=Mammary tumor;	RT	expression pattern and assignment of the gene to mouse chromosome
RA	Strausberg R.	RT	19.";
RL	Submitted (SEP-2001) to the EMBL/GenBank/DBJ databases.	RN	Endocrinology 135:387-394(1994).
DR	EMBL; BC013621; AAH13622.1; -.	RL	[3]
DR	HSSP; P01130; 1D2J	RP	SEQUENCE OF 204-262 FROM N.A.
DR	MGD; MGI:98938; Vldlr.	RX	MEDLINE=95003355; PubMed=7919660;
DR	GO; GO:0005615; C:extracellular space; TAS.	RA	Naggert J.K., Mu J.L.;
DR	GO; GO:0016021; C:integral to membrane; TAS.	RT	"The mouse very low density lipoprotein receptor (Vldlr) gene maps to
DR	Pfam; PF00008; EGF_1.	RT	chromosome 19.";
DR	Pfam; PF07645; EGF CA; 1.	RL	Mamm. Genome 5:453-455(1994).
DR	Pfam; PF00057; Ldl_recept_a; 8.	RN	[4]
DR	Pfam; PF00058; Ldl_recept_b; 5.	RP	BINDING TO REELIN.
DR	PRINTS; PR00261; LDLRECEPTOR.	RX	MEDLINE=20036019; PubMed=10571241; DOI=10.1016/S0896-6273(00)80861-2;
DR	SMART; SM00179; EGF CA; 2.	RA	Hiesberger T., Trommsdorff M., Howell B.W., Goffinet A.M., Mumby M.C.,
DR	SMART; SM00192; LDLA; 8.	RA	Cooper J.A., Herz J.;
DR	SMART; SM00135; LV; 5.	RT	"Direct binding of Reelin to VLDL receptor and ApoE receptor 2 induces
DR	PROSITE; PS00010; ASX HYDROXYL; 2.	RT	tyrosine phosphorylation of disabled-1 and modulates tau
DR	PROSITE; PS01136; EGF_2; 3.	RT	phosphorylation.";
DR	PROSITE; PS00026; EGF_3; 1.	RL	Neuron 24:481-489(1999).
DR	PROSITE; PS01137; EGF CA; 1.	CC	-!- FUNCTION: Binds VLDL and transports it into cells by endocytosis.
DR	PROSITE; PS01239; LDLRA_1; 8.	CC	In order to be internalized, the receptor-ligand complexes must
DR	PROSITE; PS00038; LDLRA_2; 8.	CC	first cluster into clathrin-coated pits. Binding to Reelin induces
KW	EGF-like domain.	CC	tyrosine phosphorylation of Dab1 and modulation of Tau
SQ	SEQUENCE 845 AA; 93535 MW; 096FC2E4AFDA94FD CRC64;	CC	phosphorylation.
		CC	-!- SUBUNIT: Binds to the extracellular matrix protein Reelin.
		CC	Interacts with DAB1.
		CC	-!- SUBCELLULAR LOCATION: Type I membrane protein.
		CC	-!- TISSUE SPECIFICITY: Abundant in heart and muscle; less in kidney,
		CC	brain, ovary, testis, lung and adipose tissue.
		CC	-!- MISCELLANEOUS: LRP8 and VLDLR together are required for correct
		CC	embryonic development in the brain. Targeted disruption of both
		CC	genes results in a phenotype virtually indistinguishable from that
		CC	seen in "reeler" and "scrambler" mice. Subtle effects of VLDLR
		CC	deletion are found mainly in the cerebellum, whereas lack of LRP8
		CC	predominantly affects the positioning of the neurons in the
		CC	neocortex.
		CC	-!- SIMILARITY: Contains 3 EGF-like domains.
		CC	-!- SIMILARITY: Contains 8 LDL-receptor class A domains.
		CC	-!- SIMILARITY: Contains 6 LDL-receptor class B domains.
		CC	-----
		CC	This SWISS-PROT entry is copyright. It is produced through a collaboration
		CC	between the Swiss Institute of Bioinformatics and the EMBL outstation -
		CC	the European Bioinformatics Institute. There are no restrictions on its
		CC	use by non-profit institutions as long as its content is in no way
		CC	modified and this statement is not removed. Usage by and for commercial

RESULT 14
LDVR_MOUSE

ID LDVR_MOUSE STANDARD; PRT; 873 AA.

QY	14	SAQAACPPSSGSCPTFKQCRISGLCVPLTWRCRDLDCSDGDEECRIEPCQTQ-----67
DB	22	SGATAE GKAKCDSSQFCQ-TNGRCITLLWKCDGEDCADGSDENKCNVKTCAESDFVCK 80
QY	68	KGQCPEPPGLPCPCCTGVCSPGCGTGDKLRNCSRLACLAGELRCT- TLSDDCIPLTWRCDSH 126
DB	81	NGQCVEN---RWQCDGDDPCEDGSDSPQCHMRTCRINEISGARSTQCIPVSWRCDSR 137
QY	127	PDCPDSDELGC 139
DB	138	NDCNCGEENCG 150

Query Match 20.3%; Score 274.5; DB 2; Length 845;
Best Local Similarity 39.1%; Pred. No. 6.6e-11;
Matches 52; Conservative 15; Mismatches 55; Indels 11; Gaps 4;


```
DR InterPro: IPR001881; EGF Ca.
DR InterPro: IPR006209; EGF-like.
DR InterPro: IPR002172; LDL_receptor_A.
DR InterPro: IPR000033; Ldl_receptor_rep.
DR Pfam: PF00008; EGF_2.
DR Pfam: PF07645; EGF_CA; 1.
DR Pfam: PF00057; Ldl_recept_a; 8.
DR Pfam: PF00050; Ldl_recept_b; 5.
DR PRINTS: PR00261; LDLRECEPTOR.
DR SMART: SM00119; EGF_CA; 1.
DR SMART: SM00192; LDLA; 8.
DR SMART: SM00155; LY; 5.
DR PROSITE: PS00010; ASX_HYDROXYL; 2.
DR PROSITE: PS01186; EGF_2; 3.
DR PROSITE: PS00266; EGF_3; 1.
DR PROSITE: PS01187; EGF_CA; 1.
DR PROSITE: PS01209; LDLRA_1; 8.
DR PROSITE: PS00068; LDLRA_2; 6.
KW EGF-like domain; Lipoprotein; Receptor.
SQ SEQUENCE 845 AA; 93298 MW; 2849300E4679C639 CRC64;

Query Match 20.2%; Score 274; DB 2; Length 845;
Best Local Similarity 32.6%; Pred.No. 7.1e-11;
Matches 61; Conservative 27; Mismatches 87; Indels 12; Gaps 5;

QY 12 PTSAQAAGPS-SGSCPPTKFCRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTQ--- 67
Db 19 PRESATGAGRAKAKCEANQFC-TNGRCITLLWKCDGDEDCDTGSDENKNCVKKTCAESDF 77

QY 68 ---KQCQPPPPGLPCPCGTGVSDCGTDDKKLRNCSRLACLAGELRCTLSDDCIPLTWRC 123
Db 78 VCNNSQCVEN---RWQCDGDPDCEDGSDSPQCHMRTCTRINEISGARSTQCI PVSWRC 134

QY 124 DGHPCPDSSDELGCSTNEILPEGDATMGPPVTLESVTSLRNATMGPPVTLESVPSVG 183
Db 135 DGENDCYSGEDBENCNVTCSSDEFTCSSGRCTSRNFMCMGQDCSDGSDGLDCAPPTVG 194

QY 184 NATS3SA 190
Db 195 PTSS3AA 201
```

Search completed: June 29, 2005, 11:33:01
Job time : 99.3848 secs

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:07:07 ; Search time 99.6767 Seconds
(without alignments)

981.678 Million cell updates/sec

Title: US-09-904-532B-127_COPY_30_282

Perfect score: 1354

Sequence: 1 GLRAASPLSTPTSAQAGP.....GLIVAMKESILLSEQKTSPLP 253

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 2105692

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : A_Geneseq_16Dec04.*

1: Geneseqp1980s.*

2: Geneseqp1990s.*

3: Geneseqp2000s.*

4: Geneseqp2001s.*

5: Geneseqp2002s.*

6: Geneseqp2003as.*

7: Geneseqp2003bs.*

8: Geneseqp2004s.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

No.	Score	Match	Length	DB	ID	Description
RESULT 1						
ID	AA13365	standard; protein; 282 AA.				
DE	Amino acid sequence of protein PRO224.					
PN	WO914328-A2.					
PD	25-MAR-1999.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 2;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 2						
ID	AA132926	standard; protein; 282 AA.				
DE	Transmembrane domain containing protein clone HP02375.					
PN	WO9943802-A2.					
PD	02-SEP-1999.					
PA	(SAGA) SAGAMI CHEM RES CENT.					
PA	(PROT-) PROTEGENE INC.					
Query Match	100.0%;	Score 1354;	DB 2;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 3						
ID	AA24398	standard; protein; 282 AA.				
DE	Human PRO224 protein sequence SEQ ID NO:51.					
PN	WO200032221-A2.					
PD	08-JUN-2000.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 3;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 4						
ID	AA195342	standard; protein; 282 AA.				
DE	Human PRO224 antitumour protein.					
PN	WO200037638-A2.					
PD	29-JUN-2000.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 3;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 5						
ID	AA197290	standard; protein; 282 AA.				
DE	Lipid associated protein (LIPAP) 1802851CD1.					
PN	WO200049043-A2.					
PD	24-AUG-2000.					
PA	(INCY-) INCYTE PHARM INC.					
Query Match	100.0%;	Score 1354;	DB 3;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 6						
ID	ABU71466	standard; protein; 282 AA.				

ID	ADC78447	standard; protein; 282 AA.				
DE	Human PRO224 protein.					
PN	WO200015796-A2.					
PD	23-MAR-2000.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 3;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 7						
ID	AA80233	standard; protein; 282 AA.				
DE	Human PRO224 protein.					
PN	WO200104311-A1.					
PD	18-JAN-2001.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 4;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 8						
ID	AAU12327	standard; protein; 282 AA.				
DE	Human PRO224 polypeptide sequence.					
PN	WO200140466-A2.					
PD	07-JUN-2001.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 4;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 9						
ID	AA53079	standard; protein; 282 AA.				
DE	Human angiogenesis-associated protein PRO224, SEQ ID NO:77.					
PN	WO200053753-A2.					
PD	14-SEP-2000.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 4;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 10						
ID	AA38847	standard; protein; 282 AA.				
DE	Human polypeptide SEQ ID NO 1992.					
PN	WO200153312-A1.					
PD	26-JUL-2001.					
PA	(HYSE-) HYSEQ INC.					
Query Match	100.0%;	Score 1354;	DB 4;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 11						
ID	ABU52728	standard; protein; 282 AA.				
DE	Human metabolism-associated protein from DKFZphfbr2_62o17.					
PN	WO200112659-A2.					
PD	22-FEB-2001.					
PA	(GEHU-) GERMAN HUMAN GENOME PROJECT.					
Query Match	100.0%;	Score 1354;	DB 4;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 12						
ID	ABB90364	standard; protein; 282 AA.				
DE	Human polypeptide SEQ ID NO 2740.					
PN	WO200190304-A2.					
PD	29-NOV-2001.					
PA	(HUMA-) HUMAN GENOME SCI INC.					
Query Match	100.0%;	Score 1354;	DB 5;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 13						
ID	ABU71611	standard; protein; 282 AA.				
DE	Human PRO polypeptide #22.					
PN	US2002146709-A1.					
PD	10-OCT-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 6;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 14						
ID	ABO17771	standard; protein; 282 AA.				
DE	Novel human secreted and transmembrane protein PRO224.					
PN	US2003032156-A1.					
PD	13-FEB-2003.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1354;	DB 6;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 4.7e-100;				
RESULT 15						
ID	ABU71466	standard; protein; 282 AA.				

DE Human PRO polypeptide #22.
PN US2002192659-A1.
PD 19-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 16
ID ABJ37041 standard; protein; 282 AA.
DE Human breast cancer / ovarian cancer related protein #17.
PN WO2003000012-A2.
PD 03-JAN-2003.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 17
ID ABU81025 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003004311-A1.
PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 18
ID ABU71912 standard; protein; 282 AA.
DE Human secreted/transmembrane protein PRO224.
PN US2003003530-A1.
PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 19
ID ABO01795 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2002197671-A1.
PD 26-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 20
ID ABU66725 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003036180-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 21
ID ABU54368 standard; protein; 282 AA.
DE Human secreted/transmembrane protein PRO224.
PN US2002132240-A1.
PD 19-SEP-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 22
ID ABO47383 standard; protein; 282 AA.
DE Human secreted/transmembrane polypeptide PRO224.
PN US2003044839-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 23
ID ABUS9806 standard; protein; 282 AA.
DE Novel secreted and transmembrane protein PRO224.
PN US2003017563-A1.
PD 23-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 24
ID ABO24996 standard; protein; 282 AA.
DE Human secreted/transmembrane protein (PRO) #156.
PN US2003092002-A1.

PN US2003036179-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 25
ID ABU64520 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #24.
PN US2002160374-A1.
PD 31-OCT-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 26
ID ABU67366 standard; protein; 282 AA.
DE Human secreted protein PRO224.
PN US2003023054-A1.
PD 30-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 27
ID ABO14886 standard; protein; 282 AA.
DE Human secreted / transmembrane polypeptide PRO224.
PN US2003036060-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 28
ID ABU67001 standard; protein; 282 AA.
DE Human secreted/transmembrane, PRO, protein SEQ ID 312.
PN US2003032155-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 29
ID ABU69643 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003017463-A1.
PD 23-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 30
ID ABO14825 standard; protein; 282 AA.
DE Human secreted / transmembrane polypeptide PRO224.
PN US2003027143-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 31
ID ADA45831 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003022328-A1.
PD 30-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 32
ID ADA76262 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073212-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 33
ID ADB29332 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003092002-A1.

PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 34
ID ADA18912 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003054517-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 35
ID ADA61535 standard; protein; 282 AA.
DE Homo sapiens.
PN US2003049816-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 36
ID ADB19320 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003068796-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 37
ID ADB27861 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082704-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 38
ID ADA86340 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082711-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 39
ID ADB15904 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087350-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 40
ID ADA47690 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073215-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 41
ID ADA18188 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039971-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 42
ID ABO32777 standard; protein; 282 AA.
DE Human secreted/transmembrane protein PRO224.
PN US2003045693-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 43
ID ADA67485 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068795-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 44
ID ADB30492 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068794-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 45
ID ADA85788 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082693-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 46
ID ADA97000 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082705-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 47
ID ADA79304 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082763-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 48
ID ADA87443 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087345-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 49
ID ADB16645 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087349-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 50
ID ABO34837 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2003044793-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 51
ID ADA16163 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049621-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.

Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 52
ID ADB24671 standard; protein; 282 AA.
DE Human PRO polypeptide and transmembrane protein PRO224.
PN US2003082694-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 53
ID ADB14800 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087351-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 54
ID ADB18761 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003073211-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 55
ID ADA93976 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077722-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 56
ID ADB19872 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082691-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 57
ID ADB13184 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082710-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 58
ID ABO43304 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003044945-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 59
ID ADA74438 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068798-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 60
ID ADA2308 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054401-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;

Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 61
ID ADB24671 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077713-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 62
ID ADA82195 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082701-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 63
ID ADA75158 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073216-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 64
ID ADA85236 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082695-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 65
ID ADA84684 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082708-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 66
ID ABO17515 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2003064367-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 67
ID ADB29940 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073214-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 68
ID ADA80468 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082761-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 69
ID ADA75710 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082703-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;
RESULT 70
ID ADA74438 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054401-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 6; Length 282;

RESULT 70
ID ADA46935 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073210-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 71
ID ADB25231 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077715-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 72
ID ADA93407 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077721-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 73
ID ADB26757 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092147-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 74
ID ADB31044 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003096386-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 75
ID ADA60972 standard; protein; 282 AA.
DE Homo sapiens.
PN US2003049817-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 76
ID ADB24119 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077714-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 77
ID ADA96448 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082690-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 78
ID ADA81020 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082702-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 79
ID ADA87995 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082759-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 80
ID ADB26205 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082760-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 81
ID ADB21690 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082765-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 82
ID ADA77469 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068797-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 83
ID ADB18209 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077710-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 84
ID ADA68692 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082709-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 85
ID ADA16587 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039969-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 86
ID ADA13016 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049622-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 87
ID ADA41884 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003082540-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 88
ID ADA87995 standard; protein; 282 AA.

DE Novel human secreted and transmembrane protein PRO224.
PN US2003082700-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 89
ID ADA6383 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003054516-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 90
ID ADA17231 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003017498-A1.
PD 23-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 91
ID ADA42734 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054351-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 92
ID ADB28413 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082699-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 93
ID ADB28965 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082706-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 94
ID ADA76917 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003059909-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 95
ID ADA88547 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003073213-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 96
ID ADA97552 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082686-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 97
ID ADB27309 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082700-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 98
ID ADB22442 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087344-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 99
ID ABO17576 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2003064923-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 100
ID ADA66933 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068793-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 101
ID ADB22794 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077111-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 102
ID ADB23567 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US200307712-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 103
ID ADA92289 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082712-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 104
ID ADB15352 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087352-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 105
ID ADB38604 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082756-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 106
ID ADB38052 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087347-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.

RESULT 125
ID ADC18977 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003036061-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 126
ID ADC34273 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003036094-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 127
ID ADC29328 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049676-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 128
ID ADC28859 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049677-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 129
ID ADC40744 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054400-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 130
ID ADC19401 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054441-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 131
ID ADC33849 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003073077-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 132
ID ADC12919 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003073079-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 133
ID ADC50353 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092106-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 134
ID ADC59015 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092107-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 135
ID ADC59879 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092105-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 136
ID ADC52886 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087365-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 137
ID ADC57240 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087366-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 138
ID ADC60431 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087367-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 139
ID ADC50906 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087361-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 140
ID ADC65433 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087362-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 141
ID ADC54531 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087363-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 142
ID ADC53492 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087364-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 143
ID ADC59015 standard; protein; 282 AA.

DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087359-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 144
ID ADC55893 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087360-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 145
ID ADC58463 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087346-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 146
ID ADC12371 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003082541-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 147
ID ADD03137 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092104-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 148
ID ADC90129 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087348-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 149
ID ADC69548 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194770-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 150
ID ADC48437 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194773-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 151
ID ADD09966 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194776-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 152
ID ADD04541 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.

PN US2003087354-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 153
ID ADC80497 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092103-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 154
ID ADD11004 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194774-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 155
ID ADC47885 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194771-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 156
ID ADD04926 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003104469-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 157
ID ADC79945 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087358-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 158
ID ADD09414 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194775-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 159
ID ADD03932 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003104381-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 160
ID ADD03508 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003108983-A1.
PD 12-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 161
ID ADD41127 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203438-A1.

```
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 162
ID ADD52266 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194769-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 163
ID ADD53006 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194792-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 164
ID ADD53558 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203437-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 165
ID ADD51714 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194779-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 166
ID ADD02513 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203431-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 167
ID ADD01947 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203430-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 168
ID ADD54129 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203432-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 169
ID ADD92446 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199030-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 170
ID ADD91342 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199055-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 171
ID ADE03956 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199057-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 172
ID ADE32253 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194765-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 173
ID ADE22185 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199056-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 174
ID ADD79409 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203428-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 175
ID ADE41945 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194772-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 176
ID ADE17762 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199023-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 177
ID ADD91894 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199053-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 178
ID ADE33357 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194767-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
  Query Match 100.0%; Score 1354; DB 7; Length 282;
  Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 179
ID ADE33909 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194791-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
```

Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 180
ID ADE32805 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194766-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 181
ID ADD92998 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194768-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 182
ID ADE19418 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199025-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 183
ID ADE34760 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003077583-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 184
ID ADE18866 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199026-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 185
ID ADE43062 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199033-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 186
ID ADD95851 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199059-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 187
ID ADE22737 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199064-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 188
ID ADD78855 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203429-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 189
ID ADE32805 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194766-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 190
ID ADE42497 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199032-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 191
ID ADE80513 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207418-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 192
ID ADD89541 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199028-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 193
ID ADE40825 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199031-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 194
ID ADE04624 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199034-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 195
ID ADE92753 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194777-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 196
ID ADG21462 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207355-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 197
ID ADF77329 standard; protein; 282 AA.
DE Human 8D6 Ag protein.
PN US2003165508-A1.
PD 04-SEP-2003.
PA (CHOL/) CHOL Y S.
PA (LILL/) LI L.
Query Match 100.0%; Score 1354; DB 7; Length 282;

Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 198
ID ADG23103 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207384-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 199
ID ADF97438 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207370-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 200
ID ADG10648 standard; protein; 282 AA.
DE Human STAT6-activating protein, SEQ ID NO:238.
PN WO200296943-A1.
PD 05-DEC-2002.
PA (ASAH) ASARI KASEI KOGYO KK.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 201
ID ADG80502 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207373-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 202
ID ADG79950 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207372-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 203
ID ADH59243 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039972-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 204
ID ADH55242 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207381-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 205
ID ADH55794 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207379-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 206
ID ADI38022 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054352-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 207
ID ADI64962 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207386-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 208
ID ADI63461 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207387-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 209
ID ADH81875 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207388-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 210
ID ADH81323 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207377-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 211
ID ADJ26290 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054349-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 212
ID ADM82492 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087355-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 213
ID ADN15891 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087353-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 214
ID ADN16520 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087385-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 215
ID ADN15339 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087356-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 216
ID ADN15339 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087356-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;

ID ADN14787 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087357-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 217
ID ADI64013 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207385-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 218
ID ADC81049 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092115-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 219
ID ADE79205 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003135025-A1.
PD 17-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 220
ID ADD76497 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003100087-A1.
PD 29-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 221
ID ADD87861 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092113-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 222
ID ADD86265 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203440-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 223
ID ADE79629 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003130489-A1.
PD 10-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 224
ID ADE75713 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003211571-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 225
ID ADE73305 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003129592-A1.
PD 10-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 226
ID ADE23289 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092108-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 227
ID ADE23841 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092110-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 228
ID ADE24484 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092111-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 229
ID ADD87309 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203439-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 230
ID ADE89175 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199062-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 231
ID ADE73840 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148370-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 232
ID ADE18314 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194794-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 233
ID ADE88623 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199054-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 234
ID ADE99394 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.

```

PN US2003211576-A1.
PD 13-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 235
ID ADE94643 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199027-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 236
ID ADE91054 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199061-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 237
ID ADE95195 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199052-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 238
ID ADE93305 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199060-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 239
ID ADF34886 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199029-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 240
ID ADE98513 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003211569-A1.
PD 13-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 241
ID ADE92201 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003199051-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 242
ID ADE90502 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199063-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 243
ID ADE91649 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003199058-A1.

PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 244
ID ADE98940 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003211568-A1.
PD 13-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 245
ID ADG40410 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003225253-A1.
PD 04-DEC-2003.
PA (DESN/) DESNOYERS L.
PA (GODO/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 246
ID ADF73804 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003180312-A1.
PD 25-SEP-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 247
ID ADG02228 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207352-A1.
PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 248
ID ADG22014 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207350-A1.
PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 249
ID ADG20084 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207376-A1.
PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 250
ID ADF97990 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207422-A1.
PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 251
ID ADG24207 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207426-A1.
PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
```

Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 252
ID ADF98561 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003208055-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 253
ID ADG03392 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207351-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 254
ID ADF99113 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207353-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 255
ID ADG16698 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207359-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 256
ID ADG05157 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207375-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 257
ID ADG19424 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207425-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 258
ID ADF73380 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003166051-A1.
PD 04-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 259
ID ADG13261 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207357-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 260
ID ADG08318 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207424-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 261
ID ADG15488 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003219885-A1.
PD 27-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 262
ID ADF96886 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207371-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 263
ID ADG06071 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207374-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 264
ID ADG23655 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207389-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 265
ID ADG03944 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207423-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 266
ID ADG24845 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207427-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 267
ID ADG07142 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207350-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 268
ID ADG07694 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207356-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 269
ID ADG55189 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194778-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 270
ID ADG03392 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207351-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;

ID ADG60853 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207390-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 271
ID ADG61957 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207428-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 272
ID ADG92223 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003027145-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 273
ID ADG82158 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207358-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 274
ID ADG57397 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207362-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 275
ID ADG56845 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207364-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 276
ID ADG55741 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207365-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 277
ID ADG58501 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207368-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 278
ID ADG70867 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207420-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 279
ID ADG92650 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207428-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 280
ID ADG57949 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207363-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 281
ID ADG53533 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207415-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 282
ID ADG71419 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207421-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 283
ID ADG81606 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207805-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 284
ID ADH30568 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077723-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 285
ID ADH11935 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207419-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 286
ID ADG52357 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207414-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 287
ID ADG54085 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207416-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 288
ID ADG81054 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194793-A1.

PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 289
ID ADG56293 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207366-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 290
ID ADH12559 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207378-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 291
ID ADG61405 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207429-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 292
ID ADH28492 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003022331-A1.
PD 30-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 293
ID ADG54637 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207367-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 294
ID ADG59677 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207369-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 295
ID ADH20439 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004005553-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 296
ID ADH07294 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004006211-A1.
PD 08-JAN-2004.
PA (DESN/) DESNOYERS L.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
ID ADH59839 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003215904-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 297
ID ADH06867 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004005665-A1.
PD 08-JAN-2004.
PA (DESN/) DESNOYERS L.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 298
ID ADH06867 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004005665-A1.
PD 08-JAN-2004.
PA (DESN/) DESNOYERS L.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 299
ID ADH1101 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207361-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 300
ID ADH18609 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003152999-A1.
PD 14-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 301
ID ADI65329 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148419-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 302
ID ADI37592 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003096340-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 303
ID ADG09844 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004009548-A1.
PD 15-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 304
ID ADH97388 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003190610-A1.
PD 09-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 305
ID ADI15315 standard; protein; 282 AA.

DE Novel human secreted and transmembrane protein PRO224.
PN US2003207382-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 306
ID ADG09192 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004009547-A1.
PD 15-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 307
ID ADI65756 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148371-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 308
ID ADI14647 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207383-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 309
ID ADI26139 standard; protein; 282 AA.
DE Human protein that promotes STAT6 activation #52.
PN WO2003104277-A2.
PD 18-DEC-2003.
PA (ASAH) ASAH KASEI KK.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 310
ID ADH60499 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004023331-A1.
PD 05-FEB-2004.
PA (DESN/) DESNOVERS L.
PA (GODD/) GODDARD A. L.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 311
ID ADI18242 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207349-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 312
ID ADJ99556 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003187238-A1.
PD 02-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 313
ID ADL08749 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003186358-A1.
PD 02-OCT-2003.
PA (GETH) GENENTECH INC.

PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 314
ID ADM25090 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003096233-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 315
ID ADJ63523 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004039164-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 316
ID ADM29840 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003190611-A1.
PD 09-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 317
ID ADJ77418 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004038336-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 318
ID ADJ65540 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004038335-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 319
ID ADM27676 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004048333-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 320
ID ADM42400 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004058424-A1.
PD 25-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 321
ID ADO06162 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US686451-B1.
PD 03-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1354; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 4.7e-100;
RESULT 322
ID ADM28262 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004077064-A1.
PD 22-APR-2004.
PA (GETH) GENENTECH INC.

Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 323
ID ADRI1014 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004137561-A1.
PD 15-JUL-2004.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 324
ID ADRI1923 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004147017-A1.
PD 29-JUL-2004.
PA (ASHK/) ASHKENAZI A.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GRIM/) GRIMALDI C J.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (MATH/) MATHER J P.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 325
ID ADI9744 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077659-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 326
ID ADI96296 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207354-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 327
ID AEM82023 standard; protein; 282 AA.
DE Tumour-associated antigenic target (TAT) polypeptide PRO224, SEQ:5217.
PN WO2004030615-A2.
PD 15-APR-2004.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 328
ID ADP55254 standard; protein; 282 AA.
DE Human PRO protein sequence SEQ ID NO:1230.
PN WO2004039956-A2.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;

RESULT 329
ID ADT03599 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003152922-A1.
PD 14-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 330
ID ADT94221 standard; protein; 282 AA.
DE Human PRO224 protein.
PN AU2003259607-A1.
PD 27-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 331
ID ADS74562 standard; protein; 282 AA.
DE Human secreted/transmembrane protein #26.
PN US2004185531-A1.
PD 23-SEP-2004.
PA (ASHK/) ASHKENAZI A.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GRIM/) GRIMALDI C J.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (MATH/) MATHER J P.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 8; Length 282;
RESULT 332
ID AAM40633 standard; protein; 303 AA.
DE Human polypeptide SEQ ID NO 5564.
PN WO200153312-A1.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match
Best Local Similarity 100.0%; Score 1354; DB 4; Length 303;
RESULT 333
ID ADO26858 standard; protein; 237 AA.
DE Human receptors and membrane-associated protein, REMAP-48.
PN WO2004044159-A2.
PD 27-MAY-2004.
PA (INCY-) INCYTE CORP.
Query Match
Best Local Similarity 77.7%; Score 1051.5; DB 8; Length 237;
RESULT 334
ID RAB51716 standard; protein; 153 AA.
DE Human secreted protein sequence encoded by gene 44 SEQ ID NO:156.
PN WO200061620-A1.
PD 19-OCT-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
PA (ROSE-) ROSEN C A.
Query Match
Best Local Similarity 57.7%; Score 781; DB 3; Length 153;
RESULT 335

ID ABUS2729 standard; protein; 259 AA.
DE Human metabolism-associated DKFZphbr2_62017 homologue #1.
PN WO200112659-A2.
PD 22-FEB-2001.
PA (GEHU-) GERMAN HUMAN GENOME PROJECT.
Query Match 51.6%; Score 698.5; DB 4; Length 259;
Best Local Similarity 57.0%; Pred. No. 1.1e-47;
RESULT 336
ID ADI26135 standard; protein; 260 AA.
DE Human protein that promotes STAT6 activation #50.
PN WO2003104277-A2.
PD 18-DEC-2003.
PA (ASAH) ASAH KASEI KK.
Query Match 51.6%; Score 698.5; DB 8; Length 260;
Best Local Similarity 57.0%; Pred. No. 1.2e-47;
RESULT 337
ID ABR43211 standard; protein; 162 AA.
DE Human IRAP-7 protein SEQ ID NO:7.
PN WO2003025542-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 42.2%; Score 571; DB 6; Length 162;
Best Local Similarity 52.6%; Pred. No. 1e-37;
RESULT 338
ID ABR43215 standard; protein; 162 AA.
DE Human IRAP-11 protein SEQ ID NO:11.
PN WO2003025542-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 41.6%; Score 563; DB 6; Length 162;
Best Local Similarity 52.2%; Pred. No. 4.6e-37;
RESULT 339
ID ABG18405 standard; protein; 141 AA.
DE Novel human diagnostic protein #18396.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 34.8%; Score 471; DB 4; Length 141;
Best Local Similarity 48.1%; Pred. No. 8.8e-30;
RESULT 340
ID AAB51715 standard; protein; 139 AA.
DE Gene 44 human secreted protein homologous amino acid sequence #155.
PN WO200061620-A1.
PD 19-OCT-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
PA (ROSE/) ROSEN C A.
Query Match 28.1%; Score 381; DB 3; Length 139;
Best Local Similarity 55.4%; Pred. No. 1.4e-22;
RESULT 341
ID ABG18406 standard; protein; 149 AA.
DE Novel human diagnostic protein #18397.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 27.9%; Score 377.5; DB 4; Length 149;
Best Local Similarity 34.7%; Pred. No. 2.8e-22;
RESULT 342
ID ABG01305 standard; protein; 122 AA.
DE Novel human diagnostic protein #1296.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 27.6%; Score 374; DB 4; Length 122;
Best Local Similarity 43.2%; Pred. No. 4.3e-22;
RESULT 343
ID ABM83206 standard; protein; 778 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3455.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 20.7%; Score 280; DB 8; Length 778;
Best Local Similarity 38.5%; Pred. No. 1.2e-13;
RESULT 344

ID ABM83205 standard; protein; 778 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3454.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 20.5%; Score 277; DB 8; Length 778;
Best Local Similarity 38.5%; Pred. No. 2.1e-13;
RESULT 345
ID ABO84667 standard; protein; 845 AA.
DE Human cancer-associated protein HP20-007.3.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 20.5%; Score 277; DB 8; Length 845;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 346
ID ABO84665 standard; protein; 845 AA.
DE Human cancer-associated protein HP20-007.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 20.5%; Score 277; DB 8; Length 845;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 347
ID AAW02212 standard; protein; 873 AA.
DE Human VLDL receptor.
PN WO9626286-A1.
PD 29-AUG-1996.
PA (UYPE-) UNIV PENNSYLVANIA.
Query Match 20.5%; Score 277; DB 2; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 348
ID ABP56840 standard; protein; 873 AA.
DE Human VLDL receptor protein SEQ ID NO:7.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 20.5%; Score 277; DB 6; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 349
ID ADJ84064 standard; protein; 873 AA.
DE Human very low density lipoprotein (VLDL) receptor protein.
PN WO2004007667-A2.
PD 22-JAN-2004.
PA (GERO) GEN HOSPITAL CORP.
Query Match 20.5%; Score 277; DB 8; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 350
ID ADN00738 standard; protein; 873 AA.
DE Human LDLR. SEQ ID 11.
PN WO2004024861-A2.
PD 25-MAR-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 20.5%; Score 277; DB 8; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 351
ID ADQ17759 standard; protein; 873 AA.
DE Human soft tissue sarcoma-upregulated protein - SEQ ID 576.
PN WO2004048938-A2.
PD 10-JUN-2004.
PA (PROT-) PROTEIN DESIGN LABS INC.
Query Match 20.5%; Score 277; DB 8; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 352
ID ABO84666 standard; protein; 873 AA.
DE Human cancer-associated protein HP20-007.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 20.5%; Score 277; DB 8; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 353

ID ABO84668 standard; protein; 873 AA.
DE Human cancer-associated protein HP20-007.4.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 20.5%; Score 277; DB 8; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.4e-13;
RESULT 354
ID ADB64849 standard; protein; 752 AA.
DE Human protein encoded by clone OCBF20191950.
PN EP1308459-A2.
PD 07-MAY-2003.
PA (HELI-) HELIX RES INST.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 20.4%; Score 276.5; DB 7; Length 752;
Best Local Similarity 39.6%; Pred. No. 2.2e-13;
RESULT 355
ID ABB57051 standard; protein; 873 AA.
DE Mouse ischaemic condition related protein sequence SEQ ID NO:84.
PN WO20018188-A2.
PD 22-NOV-2001.
PA (UYN-) UNIV NIHON SCHOOL JURIDICAL PERSON.
Query Match 20.3%; Score 274.5; DB 5; Length 873;
Best Local Similarity 39.1%; Pred. No. 3.9e-13;
RESULT 356
ID ADI27192 standard; protein; 873 AA.
DE Mouse LRP binding family protein #26.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 20.3%; Score 274.5; DB 8; Length 873;
Best Local Similarity 39.1%; Pred. No. 3.9e-13;
RESULT 357
ID ABO84664 standard; protein; 873 AA.
DE Mouse cancer-associated protein MP20-007.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 20.3%; Score 274.5; DB 8; Length 873;
Best Local Similarity 39.1%; Pred. No. 3.9e-13;
RESULT 358
ID AAR74691 standard; protein; 846 AA.
DE Human very low density lipoprotein receptor.
PN WO9513374-A2.
PD 18-MAY-1995.
PA (BAYU) BAYLOR COLLEGE MEDICINE.
Query Match 20.2%; Score 273.5; DB 2; Length 846;
Best Local Similarity 40.3%; Pred. No. 4.5e-13;
RESULT 359
ID AAR78233 standard; protein; 863 AA.
DE Chicken oocyte receptor P95.
PN WO9515379-A1.
PD 08-JUN-1995.
PA (PROG-) PROGEN BIOTECHNIK GMBH.
Query Match 20.1%; Score 272.5; DB 2; Length 863;
Best Local Similarity 39.2%; Pred. No. 5.5e-13;
RESULT 360
ID AAR74692 standard; protein; 846 AA.
DE Rat very low density lipoprotein receptor.
PN WO9513374-A2.
PD 18-MAY-1995.
PA (BAYU) BAYLOR COLLEGE MEDICINE.
Query Match 20.0%; Score 270.5; DB 2; Length 846;
Best Local Similarity 41.0%; Pred. No. 7.8e-13;
RESULT 361
ID ADJ84065 standard; protein; 873 AA.
DE Norway rat very low density lipoprotein (VLDL) receptor protein.
PN WO2004007667-A2.
PD 22-JAN-2004.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 20.0%; Score 270.5; DB 8; Length 873;
Best Local Similarity 39.1%; Pred. No. 8.1e-13;
RESULT 362
ID ADI27184 standard; protein; 996 AA.
DE Mouse LRP binding family protein #20.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 19.8%; Score 268.5; DB 8; Length 996;
Best Local Similarity 38.9%; Pred. No. 1.4e-12;
RESULT 363
ID AAR44735 standard; protein; 873 AA.
DE apo-E lipoprotein receptor.
PN JP0529498-A.
PD 09-NOV-1993.
PA (SANY) SANKYO CO LTD.
Query Match 19.4%; Score 262; DB 2; Length 873;
Best Local Similarity 38.8%; Pred. No. 3.9e-12;
RESULT 364
ID ADO26843 standard; protein; 442 AA.
DE Human receptors and membrane-associated protein, REMAP-33.
PN WO2004044159-A2.
PD 27-MAY-2004.
PA (INCY-) INCYTE CORP.
Query Match 19.3%; Score 261.5; DB 8; Length 442;
Best Local Similarity 36.3%; Pred. No. 1.9e-12;
RESULT 365
ID AAU91286 standard; protein; 695 AA.
DE Human NOV5e protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 19.3%; Score 261.5; DB 5; Length 695;
Best Local Similarity 36.3%; Pred. No. 3.2e-12;
RESULT 366
ID ADH71752 standard; protein; 695 AA.
DE Human protein of the invention NOV28f SEQ ID NO:648.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.3%; Score 261.5; DB 8; Length 695;
Best Local Similarity 36.3%; Pred. No. 3.2e-12;
RESULT 367
ID ABU56579 standard; protein; 699 AA.
DE Lung cancer-associated polypeptide #172.
PN WO200286443-A2.
PD 31-OCT-2002.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 19.3%; Score 261.5; DB 6; Length 699;
Best Local Similarity 36.3%; Pred. No. 3.3e-12;
RESULT 368
ID ADL06561 standard; protein; 699 AA.
DE Human tumour-associated antigenic target (TAT) polypeptide #60.
PN WO2004016225-A2.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 19.3%; Score 261.5; DB 8; Length 699;
Best Local Similarity 36.3%; Pred. No. 3.3e-12;
RESULT 369
ID ADQ26075 standard; protein; 700 AA.
DE Low density lipoprotein receptor-related protein 8 #2.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (UYLE-) RIJKSUNIV LEIDEN.
Query Match 19.3%; Score 261.5; DB 8; Length 700;
Best Local Similarity 36.3%; Pred. No. 3.3e-12;
RESULT 370
ID ADD93398 standard; protein; 775 AA.
DE Human lipid-associated molecule LIPAM-5 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 19.3%; Score 261.5; DB 7; Length 775;
Best Local Similarity 36.3%; Pred. No. 3.7e-12;
RESULT 371
ID ADH71760 standard; protein; 775 AA.

DE Human protein of the invention NOV28j SEQ ID NO:656.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.3%; Score 261.5; DB 8; Length 775;
Best Local Similarity 36.3%; Pred. No. 3.7e-12;
RESULT 372
ID ADQ26076 standard; protein; 793 AA.
DE Low density lipoprotein receptor-related protein 8 #3.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (UYLE-) RIJKSUNIV LEIDEN.
Query Match 19.3%; Score 261.5; DB 8; Length 793;
Best Local Similarity 38.0%; Pred. No. 3.8e-12;
RESULT 373
ID ADD93402 standard; protein; 834 AA.
DE Human lipid-associated molecule LIPAM-9 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 19.2%; Score 260.5; DB 8; Length 832;
Best Local Similarity 27.7%; Pred. No. 4.8e-12;
RESULT 382
ID ABM83204 standard; protein; 837 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3453.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 19.2%; Score 260.5; DB 8; Length 837;
Best Local Similarity 27.7%; Pred. No. 4.9e-12;
RESULT 383
ID AAR78234 standard; protein; 924 AA.
DE Chicken P95/human LDL receptor chimera.
PN WO9515379-A1.
PD 08-JUN-1995.
PA (PROG-) PROGEN BIOTECHNIK GMBH.
Query Match 19.2%; Score 260; DB 2; Length 924;
Best Local Similarity 38.5%; Pred. No. 6e-12;
RESULT 384
ID ADH71746 standard; protein; 661 AA.
DE Human protein of the invention NOV28c SEQ ID NO:642.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.1%; Score 258.5; DB 8; Length 661;
Best Local Similarity 35.7%; Pred. No. 5.3e-12;
RESULT 385
ID ADD93401 standard; protein; 904 AA.
DE Human lipid-associated molecule LIPAM-8 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 19.1%; Score 258.5; DB 7; Length 904;
Best Local Similarity 37.5%; Pred. No. 7.7e-12;
RESULT 386
ID ABP56838 standard; protein; 963 AA.
DE Human apolipoprotein B receptor 2 protein SEQ ID NO:5.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 19.1%; Score 258.5; DB 6; Length 963;
Best Local Similarity 37.5%; Pred. No. 8.3e-12;
RESULT 387
ID ADH71764 standard; protein; 963 AA.
DE Human protein of the invention NOV28l SEQ ID NO:660.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.1%; Score 258.5; DB 8; Length 963;
Best Local Similarity 37.5%; Pred. No. 8.3e-12;
RESULT 388
ID ADI27185 standard; protein; 963 AA.
DE Human LRP binding family protein #14.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 19.1%; Score 258.5; DB 8; Length 963;
Best Local Similarity 37.5%; Pred. No. 8.3e-12;
RESULT 389
ID ADN00737 standard; protein; 963 AA.
DE Human LDLR, SEQ ID 10.

DE Human protein of the invention NOV28j SEQ ID NO:656.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.3%; Score 261.5; DB 8; Length 775;
Best Local Similarity 36.3%; Pred. No. 3.7e-12;
RESULT 372
ID ADQ26076 standard; protein; 793 AA.
DE Low density lipoprotein receptor-related protein 8 #3.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (UYLE-) RIJKSUNIV LEIDEN.
Query Match 19.3%; Score 261.5; DB 8; Length 793;
Best Local Similarity 38.0%; Pred. No. 3.8e-12;
RESULT 373
ID ADD93402 standard; protein; 834 AA.
DE Human lipid-associated molecule LIPAM-9 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 19.3%; Score 261.5; DB 7; Length 834;
Best Local Similarity 36.3%; Pred. No. 4e-12;
RESULT 374
ID ADH71762 standard; protein; 834 AA.
DE Human protein of the invention NOV28k SEQ ID NO:658.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.3%; Score 261.5; DB 8; Length 834;
Best Local Similarity 36.3%; Pred. No. 4e-12;
RESULT 375
ID AAU91289 standard; protein; 847 AA.
DE Human NOV5h protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 19.3%; Score 261.5; DB 5; Length 847;
Best Local Similarity 36.3%; Pred. No. 4.1e-12;
RESULT 376
ID ADH71758 standard; protein; 847 AA.
DE Human protein of the invention NOV28i SEQ ID NO:654.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.3%; Score 261.5; DB 8; Length 847;
Best Local Similarity 36.3%; Pred. No. 4.1e-12;
RESULT 377
ID AAU91287 standard; protein; 804 AA.
DE Human NOV5f protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 19.2%; Score 260.5; DB 5; Length 804;
Best Local Similarity 36.0%; Pred. No. 4.6e-12;
RESULT 378
ID ADH71754 standard; protein; 804 AA.
DE Human protein of the invention NOV28g SEQ ID NO:650.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.2%; Score 260.5; DB 8; Length 804;
Best Local Similarity 36.0%; Pred. No. 4.6e-12;
RESULT 379
ID AAU91284 standard; protein; 825 AA.
DE Human NOV5c protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 19.2%; Score 260.5; DB 5; Length 825;
Best Local Similarity 36.0%; Pred. No. 4.8e-12;
RESULT 380
ID ADH71748 standard; protein; 825 AA.
DE Human protein of the invention NOV28d SEQ ID NO:644.

PN WO2004024881-A2.
PD 25-MAR-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 19.1%; Score 258.5; DB 8; Length 963;
Best Local Similarity 37.5%; Pred. No. 8.3e-12;
RESULT 390
ID ADO19504 standard; protein; 963 AA.
DE Human PRO polypeptide #217.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 19.1%; Score 258.5; DB 8; Length 963;
Best Local Similarity 37.5%; Pred. No. 8.3e-12;
RESULT 391
ID ADO26074 standard; protein; 963 AA.
DE Low density lipoprotein receptor-related protein 8 #1.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (OYLE-) RIJXSUNIV LEIDEN.
Query Match 19.1%; Score 258.5; DB 8; Length 963;
Best Local Similarity 37.5%; Pred. No. 8.3e-12;
RESULT 392
ID AAU91285 standard; protein; 1012 AA.
DE Human NOV5d protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 19.1%; Score 258.5; DB 5; Length 1012;
Best Local Similarity 37.5%; Pred. No. 8.8e-12;
RESULT 393
ID ADH71750 standard; protein; 1012 AA.
DE Human protein of the invention NOV28e SEQ ID NO:646.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 19.1%; Score 258.5; DB 8; Length 1012;
Best Local Similarity 37.5%; Pred. No. 8.8e-12;
RESULT 394
ID AAU78665 standard; protein; 729 AA.
DE Human NOV5a protein variant.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.9%; Score 256.5; DB 5; Length 729;
Best Local Similarity 35.8%; Pred. No. 8.6e-12;
RESULT 395
ID AAU91282 standard; protein; 729 AA.
DE Human NOV5a protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.9%; Score 256.5; DB 5; Length 729;
Best Local Similarity 35.8%; Pred. No. 8.6e-12;
RESULT 396
ID AAU91283 standard; protein; 762 AA.
DE Human NOV5b protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.9%; Score 256.5; DB 5; Length 762;
Best Local Similarity 35.8%; Pred. No. 9.1e-12;
RESULT 397
ID AAU78666 standard; protein; 762 AA.
DE Human NOV5b protein variant.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.9%; Score 256.5; DB 5; Length 762;
Best Local Similarity 35.8%; Pred. No. 9.1e-12;
RESULT 398
ID AAR05333 standard; protein; 727 AA.
DE Fragment of Heymann nephritis antigen, gp330.
PN EP358977-A.

PD 21-MAR-1990.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 18.9%; Score 255.5; DB 2; Length 727;
Best Local Similarity 36.7%; Pred. No. 1e-11;
RESULT 399
ID ADI27173 standard; protein; 4660 AA.
DE Rat LRP binding family protein #4.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.9%; Score 255.5; DB 8; Length 4660;
Best Local Similarity 36.7%; Pred. No. 9.1e-11;
RESULT 400
ID ABP56837 standard; protein; 4599 AA.
DE Human LRP1B protein SEQ ID NO:4.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
Query Match 18.7%; Score 253.5; DB 6; Length 4599;
Best Local Similarity 39.7%; Pred. No. 1.3e-10;
RESULT 401
ID AAE11937 standard; protein; 4636 AA.
DE Human CGI68 (Or CS95) receptor protein #2.
PN WO200179446-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 18.7%; Score 253.5; DB 4; Length 4636;
Best Local Similarity 39.7%; Pred. No. 1.3e-10;
RESULT 402
ID ADS10474 standard; protein; 4636 AA.
DE Human therapeutic protein - SEQ ID 711.
PN WO2004080148-A2.
PD 23-SBP-2004.
PA (NUVE-) NUVELO INC.
Query Match 18.7%; Score 253.5; DB 8; Length 4636;
Best Local Similarity 39.7%; Pred. No. 1.3e-10;
RESULT 403
ID AAU81052 standard; protein; 248 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #21.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 5; Length 248;
Best Local Similarity 37.6%; Pred. No. 6.7e-12;
RESULT 404
ID AAU81047 standard; protein; 289 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #16.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 5; Length 289;
Best Local Similarity 37.6%; Pred. No. 8.1e-12;
RESULT 405
ID ADN11586 standard; protein; 2520 AA.
DE Human CD91 protein fragment SEQ ID NO: 7.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
Query Match 18.5%; Score 251; DB 8; Length 2520;
Best Local Similarity 37.6%; Pred. No. 1e-10;
RESULT 406
ID ADN11585 standard; protein; 2565 AA.
DE Human CD91 protein fragment SEQ ID NO: 6.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
Query Match 18.5%; Score 251; DB 8; Length 2565;
Best Local Similarity 37.6%; Pred. No. 1e-10;
RESULT 407
ID ABM85419 standard; protein; 4183 AA.

DE Human protein sequence hCP1725406.
PN WO2003073826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
Query Match 18.5%; Score 251; DB 7; Length 4183;
Best Local Similarity 37.6%; Pred. No. 1.8e-10;
RESULT 408
ID ADN1590 standard; protein; 4419 AA.
DE Human CD91 protein fragment SEQ ID NO: 11.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 8; Length 4419;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 409
ID ADN1588 standard; protein; 4419 AA.
DE Human CD91 protein fragment SEQ ID NO: 9.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 8; Length 4419;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 410
ID ADN1587 standard; protein; 4464 AA.
DE Human CD91 protein fragment SEQ ID NO: 8.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 8; Length 4464;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 411
ID ADN1589 standard; protein; 4464 AA.
DE Human CD91 protein fragment SEQ ID NO: 10.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 8; Length 4464;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 412
ID AAU81016 standard; protein; 4529 AA.
DE Mouse alpha2 macroglobulin (alpha2M) receptor.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 5; Length 4529;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 413
ID AAR47861 standard; protein; 4544 AA.
DE Alpha 2-Macroglobulin/LDL-receptor related protein.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 18.5%; Score 251; DB 2; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 414
ID AAR60517 standard; protein; 4544 AA.
DE Human alpha-2-MR.
PN WO9418227-A2.
PD 18-AUG-1994.
PA (DENZ-) DENZYME APS.
Query Match 18.5%; Score 251; DB 2; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 415
ID AAM73091 standard; protein; 4544 AA.
DE Human protein SEQ ID NO 1753.
PN WO200157190-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 18.5%; Score 251; DB 4; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 416
ID AAU81019 standard; protein; 4544 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 5; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 417
ID ABP56839 standard; protein; 4544 AA.
DE Human LRP protein SEQ ID NO:6.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DEBURUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 18.5%; Score 251; DB 6; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 418
ID ABU89744 standard; protein; 4544 AA.
DE Protein differentially expressed in cardiovascular disease #38.
PN WO2003031650-A2.
PD 17-APR-2003.
PA (FARB) BAYER AG.
Query Match 18.5%; Score 251; DB 6; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 419
ID ADDI4025 standard; protein; 4544 AA.
DE Human src biomarker polypeptide SEQ ID NO:214.
PN WO2003062395-A2.
PD 31-JUL-2003.
PA (BRIM) BRISTOL-MYERS SQUIBB CO.
Query Match 18.5%; Score 251; DB 7; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 420
ID ADI27167 standard; protein; 4544 AA.
DE Human LRP binding family protein #7.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.5%; Score 251; DB 8; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 421
ID ADL15636 standard; protein; 4544 AA.
DE Human lipoprotein receptor-related protein (LRP) SeqID 10.
PN WO2004018997-A2.
PD 04-MAR-2004.
PA (NEUR-) NEUROGENETICS INC.
Query Match 18.5%; Score 251; DB 8; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 422
ID ADN11584 standard; protein; 4544 AA.
DE Human CD91 protein fragment SEQ ID NO: 5.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 8; Length 4544;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 423
ID AAU74797 standard; protein; 4545 AA.
DE Mouse alpha 2 macroglobulin (alpha2MR).
PN WO200191787-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.5%; Score 251; DB 5; Length 4545;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 424
ID ADI27166 standard; protein; 4545 AA.
DE Mouse LRP binding family protein #11.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.

Query Match 18.5%; Score 251; DB 8; Length 4545;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 425
ID ADI27170 standard; protein; 4545 AA.
DE Mouse LRP binding family protein #14.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.5%; Score 251; DB 8; Length 4545;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 426
ID ADT4982 standard; protein; 4545 AA.
DE Murine LRP1 SEQ ID NO:89.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE-) TAKEDA CHEM IND LTD.
Query Match 18.5%; Score 251; DB 8; Length 4545;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 427
ID ABB11353 standard; peptide; 4563 AA.
DE Human LDL receptor precursor homologue, SEQ ID NO:1723.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 18.5%; Score 251; DB 4; Length 4563;
Best Local Similarity 37.6%; Pred. No. 2e-10;
RESULT 428
ID ADP21811 standard; protein; 101 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #N7.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 18.5%; Score 250.5; DB 8; Length 101;
Best Local Similarity 38.3%; Pred. No. 2.6e-12;
RESULT 429
ID AM85418 standard; protein; 3197 AA.
DE Mouse protein sequence MCP4460.
PN WO2003073826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
Query Match 18.4%; Score 249; DB 7; Length 3197;
Best Local Similarity 41.5%; Pred. No. 1.9e-10;
RESULT 430
ID ADP21768 standard; protein; 135 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A10.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 18.3%; Score 248; DB 8; Length 135;
Best Local Similarity 40.0%; Pred. No. 5.7e-12;
RESULT 431
ID AAU81055 standard; protein; 169 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #24.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.2%; Score 247; DB 5; Length 169;
Best Local Similarity 37.5%; Pred. No. 9e-12;
RESULT 432
ID AAU81056 standard; protein; 209 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #25.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.2%; Score 247; DB 5; Length 209;
Best Local Similarity 37.5%; Pred. No. 1.2e-11;
RESULT 433
ID ADN22466 standard; protein; 4753 AA.
DE Bacterial polypeptide #5119.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.

PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 18.1%; Score 245.5; DB 8; Length 4753;
Best Local Similarity 37.5%; Pred. No. 5.9e-10;
RESULT 434
ID ADO19388 standard; protein; 2000 AA.
DE Human PRO polypeptide #159.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH-) GENENTECH INC.
Query Match 18.1%; Score 245; DB 8; Length 2000;
Best Local Similarity 34.2%; Pred. No. 2.3e-10;
RESULT 435
ID ADP54446 standard; protein; 2000 AA.
DE Human PRO protein sequence SEQ ID NO:422.
PN WO2004039956-A2.
PD 13-MAY-2004.
PA (GETH-) GENENTECH INC.
Query Match 18.1%; Score 245; DB 8; Length 2000;
Best Local Similarity 34.2%; Pred. No. 2.3e-10;
RESULT 436
ID ADP23554 standard; protein; 2000 AA.
DE PRO polypeptide SEQ ID NO:732.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH-) GENENTECH INC.
Query Match 18.1%; Score 245; DB 8; Length 2000;
Best Local Similarity 34.2%; Pred. No. 2.3e-10;
RESULT 437
ID AAW26357 standard; protein; 2214 AA.
DE Human LDL receptor analogue.
PN EP773290-A2.
PD 14-MAY-1997.
PA (KOWA-) KOWA CO LTD.
Query Match 18.1%; Score 245; DB 2; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 438
ID ABB85016 standard; protein; 2214 AA.
DE Pain regulated protein sequence 11.
PN WO200212338-A2.
PD 14-FEB-2002.
PA (CHEF-) GRUENTHAL GMBH.
Query Match 18.1%; Score 245; DB 5; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 439
ID ABG96421 standard; protein; 2214 AA.
DE Human ovarian cancer marker OV59.
PN WO200271928-A2.
PD 19-SEP-2002.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 18.1%; Score 245; DB 5; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 440
ID ABJ37071 standard; protein; 2214 AA.
DE Human breast cancer / ovarian cancer related protein #47.
PN WO2003000012-A2.
PD 03-JAN-2003.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 18.1%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 441
ID ABR48181 standard; protein; 2214 AA.
DE Human bladder cancer associated protein sequence SEQ ID NO:78.
PN WO2003003906-A2.
PD 16-JAN-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 18.1%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 442
ID AEU04144 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #810.
PN WO200278524-A2.

PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.1%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 443
ID ABU04147 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #813.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.1%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 444
ID ABU04145 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #811.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.1%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 445
ID ABU04148 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #814.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.1%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 446
ID ABU04146 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #812.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.1%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 447
ID ADE76875 standard; protein; 2214 AA.
DE Human protein expressed in a liver disorder #13.
PN US2003108871-A1.
PD 12-JUN-2003.
PA (KASE/) KASER M R.
Query Match 18.1%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 448
ID ADI27188 standard; protein; 2214 AA.
DE Human LRP binding family protein #15.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.1%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 449
ID ADQ91461 standard; protein; 2214 AA.
DE Amino acid sequence of the human sortilin-related precursor.
PN WO2004056385-A2.
PD 08-JUL-2004.
PA (UYAA-) UNIV AARHUS.
Query Match 18.1%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 2.6e-10;
RESULT 450
ID ADO19891 standard; protein; 2279 AA.
DE Human PRO polypeptide #406.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH-) GENENTECH INC.
Query Match 18.1%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 2.7e-10;
RESULT 451
ID ADP55014 standard; protein; 2279 AA.
DE Human PRO protein sequence SEQ ID NO:990.
PN WO2004039956-A2.
PD 13-MAY-2004.
PA (RHON-) RHONE-POULENC RORER PHARM INC.

PA (GETH-) GENENTECH INC.
Query Match 18.1%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 2.7e-10;
RESULT 452
ID ADP24550 standard; protein; 2279 AA.
DE PRO polypeptide SEQ ID NO:1728.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH-) GENENTECH INC.
Query Match 18.1%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 2.7e-10;
RESULT 453
ID ADI27168 standard; protein; 4599 AA.
DE Mouse LRP binding family protein #12.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.0%; Score 244; DB 8; Length 4599;
Best Local Similarity 36.8%; Pred. No. 7.4e-10;
RESULT 454
ID ADI27169 standard; protein; 4599 AA.
DE Mouse LRP binding family protein #13.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.0%; Score 244; DB 8; Length 4599;
Best Local Similarity 36.8%; Pred. No. 7.4e-10;
RESULT 455
ID ADL46154 standard; protein; 2033 AA.
DE Murine sortilin family protein, mSorLA.
PN WO2004022719-A2.
PD 18-MAR-2004.
PA (WISC-) WISCONSIN ALUMNI RES FOUND.
Query Match 17.8%; Score 241; DB 8; Length 2033;
Best Local Similarity 33.8%; Pred. No. 5e-10;
RESULT 456
ID ADC9861 standard; protein; 2215 AA.
DE Murine LR11/SorLA protein.
PN WO2003036264-A2.
PD 01-MAY-2003.
PA (IMMV-) IMMUNEX CORP.
Query Match 17.8%; Score 241; DB 7; Length 2215;
Best Local Similarity 33.8%; Pred. No. 5.5e-10;
RESULT 457
ID ABB59051 standard; protein; 4547 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 3945.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE-) PE CORP NY.
Query Match 17.8%; Score 241; DB 4; Length 4547;
Best Local Similarity 29.8%; Pred. No. 1.3e-09;
RESULT 458
ID ABB5015 standard; protein; 2215 AA.
DE Pain regulated protein sequence 10.
PN WO200212338-A2.
PD 14-FEB-2002.
PA (CHEF-) GRUENTHAL GMBH.
Query Match 17.7%; Score 239; DB 5; Length 2215;
Best Local Similarity 33.8%; Pred. No. 7.9e-10;
RESULT 459
ID ABG04526 standard; protein; 3478 AA.
DE Novel human diagnostic protein #4517.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 17.7%; Score 239; DB 4; Length 3478;
Best Local Similarity 37.8%; Pred. No. 1.3e-09;
RESULT 460
ID AAR97209 standard; protein; 4655 AA.
DE Human placental calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON-) RHONE-POULENC RORER PHARM INC.

Query Match 17.7%; Score 239; DB 2; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 461
ID AAR97211 standard; protein; 4655 AA.
DE Human parathyroid calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE POULENC RORER PHARM INC.
Query Match 17.7%; Score 239; DB 2; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 462
ID AAR97208 standard; protein; 4655 AA.
DE Human calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE POULENC RORER PHARM INC.
Query Match 17.7%; Score 239; DB 2; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 463
ID AAR97210 standard; protein; 4655 AA.
DE Human kidney calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE POULENC RORER PHARM INC.
Query Match 17.7%; Score 239; DB 2; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 464
ID AAW43313 standard; protein; 4655 AA.
DE Human kidney calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 17.7%; Score 239; DB 2; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 465
ID AAW43314 standard; protein; 4655 AA.
DE Human parathyroid calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 17.7%; Score 239; DB 2; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 466
ID AAW43312 standard; protein; 4655 AA.
DE Human placental calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 17.7%; Score 239; DB 2; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 467
ID ABP56836 standard; protein; 4655 AA.
DE Human megalin protein SEQ ID NO:3.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 17.7%; Score 239; DB 6; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 468
ID ADO39234 standard; protein; 4655 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 897.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 17.7%; Score 239; DB 8; Length 4655;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 469
ID ABG04530 standard; protein; 4689 AA.
DE Novel human diagnostic protein #4521.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.

Query Match 17.7%; Score 239; DB 4; Length 4689;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 470
ID ADT49903 standard; protein; 4700 AA.
DE Human LRP2 (4700) SEQ ID NO:110.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 17.7%; Score 239; DB 8; Length 4700;
Best Local Similarity 37.8%; Pred. No. 1.9e-09;
RESULT 471
ID AAW43311 standard; protein; 4655 AA.
DE Human calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 17.6%; Score 238.5; DB 2; Length 4655;
Best Local Similarity 36.6%; Pred. No. 2.1e-09;
RESULT 472
ID AAU81059 standard; protein; 170 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #28.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 17.5%; Score 237.5; DB 5; Length 170;
Best Local Similarity 40.2%; Pred. No. 5.2e-11;
RESULT 473
ID ADA54122 standard; protein; 819 AA.
DE Human protein, SEQ ID 1690.
PN EPI293563-A2.
PD 19-MAR-2003.
PA (HELI-) HELIX RES INST.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 17.5%; Score 237.5; DB 6; Length 819;
Best Local Similarity 38.9%; Pred. No. 3.3e-10;
RESULT 474
ID AB084658 standard; protein; 1325 AA.
DE Mouse cancer-associated protein MP20-001.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 17.5%; Score 237.5; DB 8; Length 1325;
Best Local Similarity 37.5%; Pred. No. 5.7e-10;
RESULT 475
ID AAW83312 standard; protein; 1614 AA.
DE Mouse Lrp5 protein.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 17.5%; Score 237.5; DB 2; Length 1614;
Best Local Similarity 37.5%; Pred. No. 7.2e-10;
RESULT 476
ID ABB07255 standard; protein; 1614 AA.
DE Mouse LPRS polypeptide.
PN WO200198508-A2.
PD 27-DEC-2001.
PA (DELT-) DELTAGEN INC.
Query Match 17.5%; Score 237.5; DB 5; Length 1614;
Best Local Similarity 37.5%; Pred. No. 7.2e-10;
RESULT 477
ID ADI27193 standard; protein; 1614 AA.
DE Mouse LRP binding family protein #27.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 17.5%; Score 237.5; DB 8; Length 1614;
Best Local Similarity 37.5%; Pred. No. 7.2e-10;
RESULT 478
ID ADI27174 standard; protein; 1614 AA.
DE Mouse LRP binding family protein #16.
PN WO2003106657-A2.
PD 24-DEC-2003.

PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 17.2%; Score 237.5; DB 8; Length 1614;
Best Local Similarity 37.5%; Pred. No. 7.2e-10;
RESULT 479
ID ADI27179 standard; protein; 1614 AA.
DE Mouse LRP binding family protein #18.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 17.5%; Score 237.5; DB 8; Length 1614;
Best Local Similarity 37.5%; Pred. No. 7.2e-10;
RESULT 480
ID ADN22356 standard; protein; 2180 AA.
DE Bacterial polypeptide #5009.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 17.5%; Score 237.5; DB 8; Length 2180;
Best Local Similarity 30.8%; Pred. No. 1e-09;
RESULT 481
ID ADI27172 standard; protein; 2867 AA.
DE Human LRP binding family protein #8.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 17.5%; Score 237.5; DB 8; Length 2867;
Best Local Similarity 36.6%; Pred. No. 1.4e-09;
RESULT 482
ID ABG30203 standard; protein; 4561 AA.
DE Novel human diagnostic protein #30194.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 17.5%; Score 236.5; DB 4; Length 4561;
Best Local Similarity 31.8%; Pred. No. 2.9e-09;
RESULT 483
ID AAW26356 standard; protein; 2213 AA.
DE Rabbit LDL receptor analogue.
PN EP773290-A2.
PD 14-MAY-1997.
PA (KOWA) KOWA CO LTD.
Query Match 17.4%; Score 236; DB 2; Length 2213;
Best Local Similarity 24.1%; Pred. No. 1.4e-09;
RESULT 484
ID ADJ84058 standard; protein; 863 AA.
DE Caenorhabditis elegans fat metabolism-related LPO-1 protein.
PN WO2004007667-A2.
PD 22-JAN-2004.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 17.3%; Score 234; DB 8; Length 863;
Best Local Similarity 39.6%; Pred. No. 6.6e-10;
RESULT 485
ID ADN22779 standard; protein; 1357 AA.
DE Bacterial polypeptide #5432.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 17.3%; Score 234; DB 8; Length 1357;
Best Local Similarity 39.6%; Pred. No. 1.1e-09;
RESULT 486
ID ABB59371 standard; protein; 4601 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 4905.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.

Query Match 17.2%; Score 233.5; DB 4; Length 4601;
Best Local Similarity 29.9%; Pred. No. 5.1e-09;
RESULT 487
ID ADJ68958 standard; protein; 363 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID764.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 17.2%; Score 233; DB 7; Length 363;
Best Local Similarity 28.0%; Pred. No. 2.9e-10;
RESULT 488
ID ABB60973 standard; protein; 761 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9711.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 17.2%; Score 232.5; DB 4; Length 761;
Best Local Similarity 31.2%; Pred. No. 7.5e-10;
RESULT 489
ID ABB61029 standard; protein; 792 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9879.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 17.2%; Score 232.5; DB 4; Length 792;
Best Local Similarity 33.3%; Pred. No. 7.9e-10;
RESULT 490
ID ABU62079 standard; protein; 4123 AA.
DE Human jelly belly (jeb) protein.
PN US2003054485-A1.
PD 20-MAR-2003.
PA (SCOT/) SCOTT M P.
PA (WEIS/) WEISS J B.
Query Match 17.2%; Score 232.5; DB 7; Length 4123;
Best Local Similarity 30.6%; Pred. No. 5.4e-09;
RESULT 491
ID ADH48718 standard; protein; 4219 AA.
DE NOV1 protein sequence, SEQ ID 2.
PN WO200268652-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 17.2%; Score 232.5; DB 5; Length 4219;
Best Local Similarity 30.6%; Pred. No. 5.6e-09;
RESULT 492
ID ADN95228 standard; protein; 5737 AA.
DE Human BSC/LEC-related protein sequence SeqID150.
PN WO2003080640-A1.
PD 02-OCT-2003.
PA (LUDW-) LUDWIG INST CANCER RES.
PA (LICN) LICENTIA LTD.
Query Match 17.2%; Score 232.5; DB 7; Length 5737;
Best Local Similarity 30.6%; Pred. No. 8e-09;
RESULT 493
ID AAU32631 standard; protein; 858 AA.
DE Novel human secreted protein #3122.
PN WO200179449-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 17.1%; Score 231; DB 4; Length 858;
Best Local Similarity 34.7%; Pred. No. 1.1e-09;
RESULT 494
ID ADC86833 standard; protein; 1494 AA.
DE Human GPCR protein SEQ ID NO:1286.
PN EP1270724-A2.
PD 02-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO.
Query Match 17.0%; Score 230; DB 7; Length 1494;
Best Local Similarity 30.1%; Pred. No. 2.6e-09;
RESULT 495
ID ABB58053 standard; protein; 1963 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 951.

PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 16.9%; Score 229.5; DB 4; Length 1963;
Best Local Similarity 32.1%; Pred. No. 4e-09;
RESULT 496
ID AAU81062 standard; protein; 123 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #31.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 16.9%; Score 229; DB 5; Length 123;
Best Local Similarity 39.8%; Pred. No. 1.7e-10;
RESULT 497
ID ADQ39440 standard; protein; 4346 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1103.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 16.8%; Score 227; DB 8; Length 4346;
Best Local Similarity 30.8%; Pred. No. 1.6e-08;
RESULT 498
ID ADQ39439 standard; protein; 4347 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1102.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 16.8%; Score 227; DB 8; Length 4347;
Best Local Similarity 30.8%; Pred. No. 1.6e-08;
RESULT 499
ID ADJ69461 standard; protein; 4370 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID1267.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR
PA (BUCK-) BUCK INST AGE RES.
Query Match 16.8%; Score 227; DB 7; Length 4370;
Best Local Similarity 30.8%; Pred. No. 1.6e-08;
RESULT 500
ID AAE34390 standard; protein; 4391 AA.
DE Human perlecan protein.
PN WO200295415-A2.
PD 28-NOV-2002.
PA (OSTE-) OSTROMETER BIO TECH AS.
Query Match 16.8%; Score 227; DB 6; Length 4391;
Best Local Similarity 30.8%; Pred. No. 1.6e-08;
RESULT 501
ID AAR47859 standard; protein; 322 AA.
DE Human LDL receptor Domains 1.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 16.7%; Score 226.5; DB 2; Length 322;
Best Local Similarity 31.0%; Pred. No. 8.3e-10;
RESULT 502
ID AAM23730 standard; protein; 729 AA.
DE Human EST encoded protein SEQ ID NO: 1255.
PN WO200154477-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 16.7%; Score 226.5; DB 4; Length 729;
Best Local Similarity 31.0%; Pred. No. 2.2e-09;
RESULT 503
ID ABU04132 standard; protein; 729 AA.
DE Human expressed protein tag (EPT) #798.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 729;
Best Local Similarity 31.0%; Pred. No. 2.2e-09;
RESULT 504
ID AAR47858 standard; protein; 750 AA.
DE Human LDL receptor Domains 1 and 2.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 16.7%; Score 226.5; DB 2; Length 750;
Best Local Similarity 31.0%; Pred. No. 2.2e-09;
RESULT 505
ID ABU04136 standard; protein; 750 AA.
DE Human expressed protein tag (EPT) #802.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 750;
Best Local Similarity 31.0%; Pred. No. 2.2e-09;
RESULT 506
ID ABU04128 standard; protein; 837 AA.
DE Human expressed protein tag (EPT) #794.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 837;
Best Local Similarity 31.0%; Pred. No. 2.5e-09;
RESULT 507
ID ARU04143 standard; protein; 837 AA.
DE Human expressed protein tag (EPT) #809.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 837;
Best Local Similarity 31.0%; Pred. No. 2.5e-09;
RESULT 508
ID ADD46365 standard; protein; 837 AA.
DE Human Protein AAF24515, SEQ ID NO 12043.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 16.7%; Score 226.5; DB 7; Length 837;
Best Local Similarity 31.0%; Pred. No. 2.5e-09;
RESULT 509
ID ADE63404 standard; protein; 837 AA.
DE Human Protein AAF24515, SEQ ID NO 9343.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 16.7%; Score 226.5; DB 7; Length 837;
Best Local Similarity 31.0%; Pred. No. 2.5e-09;
RESULT 510
ID ADI27194 standard; protein; 837 AA.
DE Human LRP binding family protein #16.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 16.7%; Score 226.5; DB 8; Length 837;
Best Local Similarity 31.0%; Pred. No. 2.5e-09;
RESULT 511
ID AAG64837 standard; protein; 839 AA.
DE Chronic hepatitis treatment related protein SEQ ID NO: 22.
PN WO200147545-A1.
PD 05-JUL-2001.
PA (SUMU) SUMITOMO PHARM CO LTD.
Query Match 16.7%; Score 226.5; DB 4; Length 839;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 512
ID AAB49601 standard; protein; 839 AA.
DE Human low density lipoprotein (LDL) receptor amino acid sequence.
PN JP2000279174-A.
PD 10-OCT-2000.
PA (BMLB-) BML KK.
Query Match 16.7%; Score 226.5; DB 4; Length 839;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 513
ID ABU04131 standard; protein; 839 AA.

DE Human expressed protein tag (EPT) #797.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 839;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 514
ID ABU04129 standard; protein; 839 AA.
DE Human expressed protein tag (EPT) #795.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 839;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 515
ID AAR47157 standard; protein; 860 AA.
DE Sequence of human low density lipoprotein (LDL) receptor.
PN DE4222385-A1.
PD 13-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 16.7%; Score 226.5; DB 2; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 516
ID AAR47860 standard; protein; 860 AA.
DE Human LDL receptor.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 16.7%; Score 226.5; DB 2; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 517
ID RAB90761 standard; protein; 860 AA.
DE Human shear stress-response protein SEQ ID NO: 22.
PN WO200125427-A1.
PD 12-APR-2001.
PA (KYOW) KYOWA HAKKO KOGYO KK.
Query Match 16.7%; Score 226.5; DB 4; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 518
ID ABB90525 standard; protein; 860 AA.
DE Hominidae low density lipoprotein receptor protein SEQ ID NO:1.
PN WO200206467-A1.
PD 24-JAN-2002.
PA (BMLB-) BML INC.
Query Match 16.7%; Score 226.5; DB 5; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 519
ID AAU98980 standard; protein; 860 AA.
DE Human low density lipoprotein receptor.
PN WO200243388-A2.
PD 20-JUN-2002.
PA (AGNE/) AGNELLO V.
Query Match 16.7%; Score 226.5; DB 5; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 520
ID ABG74544 standard; protein; 860 AA.
DE Human LDLR protein.
PN US6465196-B1.
PD 15-OCT-2002.
PA (TEXA) UNIV TEXAS SYSTEM.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 521
ID ABU04130 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #796.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 522
ID ABU04340 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #1006.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 523
ID ABU04141 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #807.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 524
ID ABU04126 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #792.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 525
ID ABU04135 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #801.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 526
ID ABU04127 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #793.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 527
ID ABU04142 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #808.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 528
ID ABU04137 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #803.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 529
ID ADJ68638 standard; protein; 860 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID444.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 16.7%; Score 226.5; DB 7; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 530
ID ADI28838 standard; protein; 860 AA.
DE Human modifier of p53 (MP53) LDLR.
PN WO2004004766-A1.
PD 15-JAN-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 16.7%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 531
ID ADK70505 standard; protein; 860 AA.

DE Respiratory disease differentially expressed protein #71.
PN WO2003101283-A2.
PD 11-DEC-2003.
PA (INCY-) INCYTE CORP.
Query Match 16.7%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 532
ID ADK70525 standard; protein; 860 AA.
DE Respiratory disease differentially expressed protein #91.
PN WO2003101283-A2.
PD 11-DEC-2003.
PA (INCY-) INCYTE CORP.
Query Match 16.7%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 533
ID ADN03814 standard; protein; 860 AA.
DE Antipsoariatic protein sequence #103.
PN WO2004028479-A2.
PD 08-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 16.7%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 534
ID ADO55185 standard; protein; 860 AA.
DE Protein #87 with increased gene expression in renal cell carcinoma.
PN WO2004032842-A2.
PD 22-APR-2004.
PA (VAND-) VAN ANDEL INST.
Query Match 16.7%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 535
ID ADO19242 standard; protein; 860 AA.
DE Human PRO polypeptide #87.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 16.7%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 536
ID ADR28508 standard; protein; 860 AA.
DE Human low density lipoprotein (LDL) receptor protein sequence.
PN WO2004067740-A1.
PD 12-AUG-2004.
PA (EFAR-) EFARMES SA.
Query Match 16.7%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 2.6e-09;
RESULT 537
ID ABB11799 standard; peptide; 872 AA.
DE Human LDL receptor homologue, SEQ ID NO:2169.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 16.7%; Score 226.5; DB 4; Length 872;
Best Local Similarity 31.0%; Pred. No. 2.7e-09;
RESULT 538
ID ABU04140 standard; protein; 872 AA.
DE Human expressed protein tag (EPT) #806.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 872;
Best Local Similarity 31.0%; Pred. No. 2.7e-09;
RESULT 539
ID AAW07621 standard; protein; 1074 AA.
DE LDLR/TF chimeric protein.
PN WO9639510-A1.
PD 12-DEC-1996.
PA (TRAN-) TRANSKARYOTIC THERAPIES INC.
Query Match 16.7%; Score 226.5; DB 2; Length 1074;
Best Local Similarity 31.0%; Pred. No. 3.4e-09;
RESULT 540
ID AAW07622 standard; protein; 1410 AA.
DE LDLR/TF chimeric protein.

PN WO9639510-A1.
PD 12-DEC-1996.
PA (TRAN-) TRANSKARYOTIC THERAPIES INC.
Query Match 16.7%; Score 226.5; DB 2; Length 1410;
Best Local Similarity 31.0%; Pred. No. 4.7e-09;
RESULT 541
ID ABU04139 standard; protein; 1410 AA.
DE Human expressed protein tag (EPT) #805.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 1410;
Best Local Similarity 31.0%; Pred. No. 4.7e-09;
RESULT 542
ID AAU32831 standard; protein; 1418 AA.
DE Novel human secreted protein #3322.
PN WO200179449-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 16.7%; Score 226.5; DB 4; Length 1418;
Best Local Similarity 31.0%; Pred. No. 4.7e-09;
RESULT 543
ID ABU04138 standard; protein; 1418 AA.
DE Human expressed protein tag (EPT) #804.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.7%; Score 226.5; DB 6; Length 1418;
Best Local Similarity 31.0%; Pred. No. 4.7e-09;
RESULT 544
ID AAR48547 standard; protein; 356 AA.
DE Sequence of human low density lipoprotein (LDL) receptor.
PN EP586094-A1.
PD 09-MAR-1994.
PA (WISC) WISCONSIN ALUMNI RES FOUND.
Query Match 16.7%; Score 225.5; DB 2; Length 356;
Best Local Similarity 31.0%; Pred. No. 1.1e-09;
RESULT 545
ID ADP21809 standard; protein; 96 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #9.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 16.6%; Score 225; DB 8; Length 96;
Best Local Similarity 37.7%; Pred. No. 2.7e-10;
RESULT 546
ID AAM37249 standard; protein; 120 AA.
DE Peptide #11286 encoded by probe for measuring placental gene expression.
PN WO200157272-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 16.6%; Score 225; DB 4; Length 120;
Best Local Similarity 40.0%; Pred. No. 3.5e-10;
RESULT 547
ID AAW83310 standard; protein; 1451 AA.
DE LRP5 protein from isoform 2 (also isoform 4,5,6).
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 16.6%; Score 224.5; DB 2; Length 1451;
Best Local Similarity 29.8%; Pred. No. 7e-09;
RESULT 548
ID AAW83308 standard; protein; 1591 AA.
DE Mature LRP5 protein.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 16.6%; Score 224.5; DB 2; Length 1591;
Best Local Similarity 29.8%; Pred. No. 7.8e-09;
RESULT 549
ID ADI27180 standard; protein; 1611 AA.

DE Human LRP binding family protein #11.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 16.6%; Score 224.5; DB 8; Length 1611;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 550
ID RAN83309 standard; protein; 1615 AA.
DE LRP5 protein from the longest open reading frame.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 16.6%; Score 224.5; DB 2; Length 1615;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 551
ID AAE21740 standard; protein; 1615 AA.
DE Human BSMR protein mutant, R494Q.
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
PA (UYCA-) UNIV CASE WESTERN RESERVE.
Query Match 16.6%; Score 224.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 552
ID AAE21730 standard; protein; 1615 AA.
DE Human bone strength and mineralisation regulatory protein (BSMR).
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
PA (UYCA-) UNIV CASE WESTERN RESERVE.
Query Match 16.6%; Score 224.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 553
ID ABR41131 standard; protein; 1615 AA.
DE Human LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 16.6%; Score 224.5; DB 6; Length 1615;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 554
ID ADB98798 standard; protein; 1615 AA.
DE Human Zmaxi (LRP5).
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 16.6%; Score 224.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 555
ID AD127181 standard; protein; 1615 AA.
DE Human LRP binding family protein #12.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 16.6%; Score 224.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 556
ID ABO84659 standard; protein; 1615 AA.
DE Human cancer-associated protein HP20-001.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 16.6%; Score 224.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 557
ID ADR73482 standard; protein; 1615 AA.
DE Human low density lipoprotein receptor-related protein 5, LRP5, protein.
PN WO2004076682-A2.

PD 10-SEP-2004.
PA (SURR-) SURROMED INC.
Query Match 16.6%; Score 224.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 7.9e-09;
RESULT 558
ID ABM85665 standard; protein; 1627 AA.
DE Human protein sequence hCP1690976.
PN WO2003073826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
Query Match 16.6%; Score 224.5; DB 7; Length 1627;
Best Local Similarity 29.8%; Pred. No. 8e-09;
RESULT 559
ID ABO84660 standard; protein; 1627 AA.
DE Human cancer-associated protein HP20-001.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 16.6%; Score 224.5; DB 8; Length 1627;
Best Local Similarity 29.8%; Pred. No. 8e-09;
RESULT 560
ID AAW83311 standard; protein; 1639 AA.
DE LRP5 isoform 3 protein.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 16.6%; Score 224.5; DB 2; Length 1639;
Best Local Similarity 29.8%; Pred. No. 8.1e-09;
RESULT 561
ID ABR41133 standard; protein; 1665 AA.
DE Human LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 16.6%; Score 224.5; DB 6; Length 1665;
Best Local Similarity 29.8%; Pred. No. 8.2e-09;
RESULT 562
ID ADB98800 standard; protein; 1665 AA.
DE Human Zmaxi (LRP5).
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 16.6%; Score 224.5; DB 7; Length 1665;
Best Local Similarity 29.8%; Pred. No. 8.2e-09;
RESULT 563
ID AAB31889 standard; protein; 4393 AA.
DE Amino acid sequence of a human protein.
PN WO200105422-A2.
PD 25-JAN-2001.
PA (INMR) BIOMERIEUX STELLHYS.
Query Match 16.6%; Score 224.5; DB 4; Length 4393;
Best Local Similarity 30.7%; Pred. No. 2.6e-08;
RESULT 564
ID ADL35758 standard; protein; 4393 AA.
DE Human perlecan (heparan sulphate proteoglycan 2; HSPG2) protein.
PN WO2004019893-A2.
PD 11-MAR-2004.
PA (RIGE-) RIGEL PHARM INC.
Query Match 16.6%; Score 224.5; DB 8; Length 4393;
Best Local Similarity 30.7%; Pred. No. 2.6e-08;
RESULT 565
ID ADQ39442 standard; protein; 4393 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1105.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 16.6%; Score 224.5; DB 8; Length 4393;
Best Local Similarity 30.7%; Pred. No. 2.6e-08;
RESULT 566
ID ABG23265 standard; protein; 4436 AA.

DE Novel human diagnostic protein #23256.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 16.5%; Score 224.5; DB 4; Length 4436;
Best Local Similarity 30.7%; Pred. No. 2.6e-08;
RESULT 567
ID ABB63614 standard; protein; 4072 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 17634.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 16.5%; Score 224; DB 4; Length 4072;
Best Local Similarity 25.4%; Pred. No. 2.6e-08;
RESULT 568
ID ABB21064 standard; protein; 9222 AA.
DE Novel human diagnostic protein #21055.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 16.5%; Score 224; DB 4; Length 9222;
Best Local Similarity 24.8%; Pred. No. 6.7e-08;
RESULT 569
ID AAG68169 standard; protein; 1615 AA.
DE Human Zmax1 protein SEQ ID NO:3.
PN WO200177327-A1.
PD 18-OCT-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 16.5%; Score 223.5; DB 4; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 570
ID AAG68170 standard; protein; 1615 AA.
DE Human HBM protein SEQ ID NO:4.
PN WO200177327-A1.
PD 18-OCT-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 16.5%; Score 223.5; DB 4; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 571
ID AAE21741 standard; protein; 1615 AA.
DE Human BSMR protein mutant, A1330L.
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
PA (UYCA-) UNIV CASE WESTERN RESERVE.
Query Match 16.5%; Score 223.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 572
ID AAU80879 standard; protein; 1615 AA.
DE Human Zmax1 polypeptide.
PN WO200192891-A2.
PD 06-DEC-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON SCHOOL MEDICINE.
Query Match 16.5%; Score 223.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 573
ID AAU80880 standard; protein; 1615 AA.
DE Human high bone mass (HBM) polypeptide.
PN WO200192891-A2.
PD 06-DEC-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON SCHOOL MEDICINE.
Query Match 16.5%; Score 223.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 574
ID ABR41093 standard; protein; 1615 AA.
DE Human wild-type LRP5.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.

Query Match 16.5%; Score 223.5; DB 6; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 575
ID ABR41094 standard; protein; 1615 AA.
DE Human LRP5 allelic variant HBM.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.

Query Match 16.5%; Score 223.5; DB 6; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 576
ID ADB98058 standard; protein; 1615 AA.
DE Human LRP5.
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.

Query Match 16.5%; Score 223.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 577
ID ADB98059 standard; protein; 1615 AA.
DE LRP5 mutein.
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.

Query Match 16.5%; Score 223.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 578
ID ADE82428 standard; protein; 1615 AA.
DE Human HBM gene.
PN WO200292015-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.

Query Match 16.5%; Score 223.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 579
ID ADE82427 standard; protein; 1615 AA.
DE Human Zmax1 gene.
PN WO200292015-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.

Query Match 16.5%; Score 223.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 580
ID ADQ20524 standard; protein; 1615 AA.
DE Human soft tissue sarcoma-upregulated protein - SEQ ID 3344.
PN WO2004048938-A2.
PD 10-JUN-2004.
PA (PROT-) PROTEIN DESIGN LABS INC.

Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 581
ID ADR17561 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #2.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.

Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 582
ID ADR16921 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #1.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.

Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 583
ID ADR17560 standard; protein; 1615 AA.

DE Human high bone mass gene, wild type allele Zmax1, protein #2.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 584
ID ADR16922 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #1.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 585
ID ADR47572 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #1.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 586
ID ADR48212 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #2.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 587
ID ADR47573 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #1.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 588
ID ADR48211 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #2.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 16.5%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 9.5e-09;
RESULT 589
ID ADH73023 standard; protein; 1136 AA.
DE Human MEGF7-related protein sequence SeqID2.
PN GB2381790-A.
PD 14-MAY-2003.
PA (GLAX) GLAXO GROUP LTD.
Query Match 16.5%; Score 223; DB 7; Length 1136;
Best Local Similarity 30.2%; Pred. No. 6.9e-09;
RESULT 590
ID AAE30206 standard; protein; 1630 AA.
DE Human Lp288 mature protein variant #1.
PN WO200274906-A2.
PD 26-SEP-2002.
PA (ELIL) LILLY & CO ELI.
Query Match 16.4%; Score 221.5; DB 6; Length 1630;
Best Local Similarity 40.6%; Pred. No. 1.4e-08;
RESULT 591
ID AAE29923 standard; protein; 1905 AA.
DE Human Lp288 protein.
PN WO200274906-A2.
PD 26-SEP-2002.
PA (ELIL) LILLY & CO ELI.
Query Match 16.4%; Score 221.5; DB 6; Length 1905;

Best Local Similarity 40.6%; Pred. No. 1.7e-08;
RESULT 592
ID ADH73026 standard; protein; 1905 AA.
DE Human MEGF7 protein amino acid sequence.
PN GB2381790-A.
PD 14-MAY-2003.
PA (GLAX) GLAXO GROUP LTD.
Query Match 16.4%; Score 221.5; DB 7; Length 1905;
Best Local Similarity 40.6%; Pred. No. 1.7e-08;
RESULT 593
ID ADD93399 standard; protein; 1906 AA.
DE Human lipid-associated molecule LipAM-6 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 16.4%; Score 221.5; DB 7; Length 1906;
Best Local Similarity 40.6%; Pred. No. 1.7e-08;
RESULT 594
ID AAU81041 standard; protein; 231 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #10.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 16.2%; Score 219.5; DB 5; Length 231;
Best Local Similarity 36.4%; Pred. No. 2e-09;
RESULT 595
ID AAR97207 standard; protein; 944 AA.
DE Human calcium sensor protein (pCAS-2 product).
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.2%; Score 219.5; DB 2; Length 944;
Best Local Similarity 33.8%; Pred. No. 1.1e-08;
RESULT 596
ID AAW43310 standard; protein; 944 AA.
DE Human placenta calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.2%; Score 219.5; DB 2; Length 944;
Best Local Similarity 33.8%; Pred. No. 1.1e-08;
RESULT 597
ID ABU61392 standard; peptide; 36 AA.
DE Human A domain from cDNA AAH07083 #2.
PN WO200298171-A2.
PD 07-NOV-2002.
PA (MAXY-) MAXYGEN INC.
Query Match 16.1%; Score 218; DB 6; Length 36;
Best Local Similarity 100.0%; Pred. No. 3.1e-10;
RESULT 598
ID ADP21614 standard; peptide; 36 AA.
DE Low density lipoprotein (LDL) receptor A domain peptide SeqID 190.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 16.1%; Score 218; DB 8; Length 36;
Best Local Similarity 100.0%; Pred. No. 3.1e-10;
RESULT 599
ID ADC86831 standard; protein; 348 AA.
DE Human GPCR protein SEQ ID NO:1284.
PN EP1270724-A2.
PD 02-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) NAT ADVANCED SCI & TECHNOLOGY INCUBATIO.
Query Match 16.1%; Score 217.5; DB 7; Length 348;
Best Local Similarity 29.9%; Pred. No. 4.8e-09;
RESULT 600
ID AAU91288 standard; protein; 857 AA.
DE Human NOV5g protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 16.1%; Score 217.5; DB 5; Length 857;

Best Local Similarity 34.8%; Pred. No. 1.4e-08;
RESULT 601
ID ADH71756 standard; protein; 857 AA.
DE Human protein of the invention NOV28h SEQ ID NO:652.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 16.1%; Score 217.5; DB 8; Length 857;
Best Local Similarity 34.8%; Pred. No. 1.4e-08;
RESULT 602
ID ADH71768 standard; protein; 904 AA.
DE Human protein of the invention NOV28n SEQ ID NO:664.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 16.1%; Score 217.5; DB 8; Length 904;
Best Local Similarity 34.8%; Pred. No. 1.5e-08;
RESULT 603
ID RAU91290 standard; protein; 905 AA.
DE Human NOV5i protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 16.1%; Score 217.5; DB 5; Length 905;
Best Local Similarity 34.8%; Pred. No. 1.5e-08;
RESULT 604
ID ADH71742 standard; protein; 905 AA.
DE Human protein of the invention NOV28a SEQ ID NO:638.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 16.1%; Score 217.5; DB 8; Length 905;
Best Local Similarity 34.8%; Pred. No. 1.5e-08;
RESULT 605
ID ADH71766 standard; protein; 905 AA.
DE Human protein of the invention NOV28m SEQ ID NO:662.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 16.1%; Score 217.5; DB 8; Length 905;
Best Local Similarity 34.8%; Pred. No. 1.5e-08;
RESULT 606
ID ADI60124 standard; protein; 1235 AA.
DE Secreted polypeptide #8.
PN WO2003025142-A2.
PD 27-MAR-2003.
PA (HYSE-) HYSEQ INC.
Query Match 16.1%; Score 217.5; DB 7; Length 1235;
Best Local Similarity 38.2%; Pred. No. 2.1e-08;
RESULT 607
ID ADH48776 standard; protein; 1852 AA.
DE NOV25 protein sequence, SEQ ID 60.
PN WO200268652-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 16.1%; Score 217.5; DB 5; Length 1852;
Best Local Similarity 38.2%; Pred. No. 3.4e-08;
RESULT 608
ID ABU61391 standard; peptide; 36 AA.
DE Human A domain from cDNA AAH07083 #1.
PN WO200288171-A2.
PD 07-NOV-2002.
PA (MAXY-) MAXYGEN INC.
Query Match 16.0%; Score 217; DB 6; Length 36;
Best Local Similarity 100.0%; Pred. No. 3.7e-10;
RESULT 609
ID ADP21613 standard; peptide; 36 AA.
DE Low density lipoprotein (LDL) receptor A domain peptide SeqID 189.
PN WO200404011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 16.0%; Score 217; DB 8; Length 36;
Best Local Similarity 100.0%; Pred. No. 3.7e-10;

RESULT 610
ID AAU81045 standard; protein; 166 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #14.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 16.0%; Score 216; DB 5; Length 166;
Best Local Similarity 37.2%; Pred. No. 2.7e-09;
RESULT 611
ID AAU81039 standard; protein; 208 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #8.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 16.0%; Score 216; DB 5; Length 208;
Best Local Similarity 37.2%; Pred. No. 3.5e-09;
RESULT 612
ID RAY44427 standard; protein; 1113 AA.
DE Mouse Serine protease, Corin.
PN WO9964608-A1.
PD 16-DEC-1999.
PA (SCHD) SCHERING AG.
Query Match 16.0%; Score 216; DB 3; Length 1113;
Best Local Similarity 33.3%; Pred. No. 2.5e-08;
RESULT 613
ID ADI27177 standard; protein; 1113 AA.
DE Mouse LRP binding family protein #17.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 16.0%; Score 216; DB 8; Length 1113;
Best Local Similarity 33.3%; Pred. No. 2.5e-08;
RESULT 614
ID ADR29372 standard; protein; 1113 AA.
DE Murine LrP4 dopaminergic neuronal marker SEQ ID NO:3.
PN WO2004065599-A1.
PD 05-AUG-2004.
PA (EISA) EISAI CO LTD.
Query Match 16.0%; Score 216; DB 8; Length 1113;
Best Local Similarity 33.3%; Pred. No. 2.5e-08;
RESULT 615
ID AAU81058 standard; protein; 89 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #27.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 15.9%; Score 215.5; DB 5; Length 89;
Best Local Similarity 40.0%; Pred. No. 1.4e-09;
RESULT 616
ID ADC99860 standard; protein; 862 AA.
DE Murine LDLr protein.
PN WO2003036264-A2.
PD 01-MAY-2003.
PA (IMMV) IMMUNEX CORP.
Query Match 15.9%; Score 215.5; DB 7; Length 862;
Best Local Similarity 38.5%; Pred. No. 2e-08;
RESULT 617
ID ADI27189 standard; protein; 862 AA.
DE Mouse LRP binding family protein #23.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 15.9%; Score 215.5; DB 8; Length 862;
Best Local Similarity 38.5%; Pred. No. 2e-08;
RESULT 618
ID ADI27190 standard; protein; 862 AA.
DE Mouse LRP binding family protein #24.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 15.9%; Score 215.5; DB 8; Length 862;
Best Local Similarity 38.5%; Pred. No. 2e-08;
RESULT 619
ID ADI27190 standard; protein; 862 AA.
DE Mouse LRP binding family protein #24.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 15.9%; Score 215.5; DB 8; Length 862;
Best Local Similarity 38.5%; Pred. No. 2e-08;

ID ABB64069 standard; protein; 2009 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 18999.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 15.9%; Score 215; DB 4; Length 2009;
Best Local Similarity 37.2%; Pred. No. 5.9e-08;
RESULT 620
ID ADI27191 standard; protein; 864 AA.
DE Mouse LRP binding family protein #25.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 15.8%; Score 214.5; DB 8; Length 864;
Best Local Similarity 35.3%; Pred. No. 2.4e-08;
RESULT 621
ID AAW76041 standard; protein; 1661 AA.
DE Hydra head activator binding protein.
PN DE19808258-A1.
PD 03-SEP-1998.
PA (EVOT-) EVOTEC BIOSYSTEMS GMBH.
Query Match 15.8%; Score 214.5; DB 2; Length 1661;
Best Local Similarity 36.4%; Pred. No. 5.2e-08;
RESULT 622
ID AAM93222 standard; protein; 448 AA.
DE Human polypeptide, SEQ ID NO: 2633.
PN EPI130094-A2.
PD 05-SEP-2001.
PA (HELI-) HELIX RES INST.
Query Match 15.8%; Score 214; DB 4; Length 448;
Best Local Similarity 28.6%; Pred. No. 1.2e-08;
RESULT 623
ID ADL30600 standard; protein; 448 AA.
DE Human protein encoded by a full length cDNA clone SeqID 2633.
PN EPI1396543-A2.
PD 10-MAR-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 15.8%; Score 214; DB 8; Length 448;
Best Local Similarity 28.8%; Pred. No. 1.2e-08;
RESULT 624
ID AAM93820 standard; protein; 836 AA.
DE Human polypeptide, SEQ ID NO: 3875.
PN EPI130094-A2.
PD 05-SEP-2001.
PA (HELI-) HELIX RES INST.
Query Match 15.8%; Score 214; DB 4; Length 836;
Best Local Similarity 28.6%; Pred. No. 2.5e-08;
RESULT 625
ID ADL31842 standard; protein; 836 AA.
DE Human protein encoded by a full length cDNA clone SeqID 3875.
PN EPI1396543-A2.
PD 10-MAR-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 15.8%; Score 214; DB 8; Length 836;
Best Local Similarity 28.6%; Pred. No. 2.5e-08;
RESULT 626
ID AAE26419 standard; protein; 1553 AA.
DE Human transmembrane protein (TMP)-5 protein.
PN WO200234783-A2.
PD 02-MAY-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 15.8%; Score 214; DB 5; Length 1553;
Best Local Similarity 28.8%; Pred. No. 5.2e-08;
RESULT 627
ID ADM90833 standard; protein; 1609 AA.
DE Human pharmacologically useful protein SeqID 226.
PN WO2004020595-A2.
PD 11-MAR-2004.
PA (FIVE-) FIVE PRIME THERAPEUTICS INC.
PA (RIKE-) RIKEN INST PHYSICAL & CHEM RES.
PA (DNAF-) DNAFORM KK.
Query Match 15.8%; Score 214; DB 8; Length 1609;
Best Local Similarity 28.6%; Pred. No. 5.5e-08;

RESULT 628
ID ABR41134 standard; protein; 1613 AA.
DE Human LRP6 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 15.8%; Score 214; DB 6; Length 1613;
Best Local Similarity 28.6%; Pred. No. 5.5e-08;
RESULT 629
ID ADB98801 standard; protein; 1613 AA.
DE Human LRP6.
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 15.8%; Score 214; DB 7; Length 1613;
Best Local Similarity 28.6%; Pred. No. 5.5e-08;
RESULT 630
ID ADI27182 standard; protein; 1613 AA.
DE Mouse LRP binding family protein #19.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 15.8%; Score 214; DB 8; Length 1613;
Best Local Similarity 27.4%; Pred. No. 5.5e-08;
RESULT 631
ID ADI27183 standard; protein; 1613 AA.
DE Human LRP binding family protein #13.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 15.8%; Score 214; DB 8; Length 1613;
Best Local Similarity 28.6%; Pred. No. 5.5e-08;
RESULT 632
ID AAU81050 standard; protein; 126 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #19.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (OYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 15.7%; Score 213; DB 5; Length 126;
Best Local Similarity 37.3%; Pred. No. 3.3e-09;
RESULT 633
ID AAY22599 standard; peptide; 322 AA.
DE LDL receptor fragment.
PN WO938524-A2.
PD 05-AUG-1999.
PA (PREN/) PRENDERGAST P T.
Query Match 15.7%; Score 213; DB 2; Length 322;
Best Local Similarity 32.9%; Pred. No. 1e-08;
RESULT 634
ID ABU11822 standard; protein; 420 AA.
DE Human MDDT polypeptide SEQ ID 769.
PN WO200279449-A2.
PD 10-OCT-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 15.5%; Score 209.5; DB 6; Length 420;
Best Local Similarity 34.0%; Pred. No. 2.6e-08;
RESULT 635
ID AAE26420 standard; protein; 1718 AA.
DE Human transmembrane protein (TMP)-6 protein.
PN WO200234783-A2.
PD 02-MAY-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 15.5%; Score 209.5; DB 5; Length 1718;
Best Local Similarity 34.0%; Pred. No. 1.4e-07;
RESULT 636
ID ABB64889 standard; protein; 2616 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 21459.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 15.4%; Score 208; DB 4; Length 2616;

Best Local Similarity 36.6%; Pred. No. 2.9e-07;
RESULT 637
ID ADP21770 standard; protein; 85 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A5.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 15.3%; Score 207.5; DB 8; Length 85;
Best Local Similarity 36.1%; Pred. No. 5.8e-09;
RESULT 638
ID ADP46363 standard; protein; 879 AA.
DE Rat Protein P35952, SEQ ID NO 12041.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 15.3%; Score 207.5; DB 7; Length 879;
Best Local Similarity 36.3%; Pred. No. 8.9e-08;
RESULT 639
ID ADE63402 standard; protein; 879 AA.
DE Rat Protein P35952, SEQ ID NO 9341.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 15.3%; Score 207.5; DB 7; Length 879;
Best Local Similarity 36.3%; Pred. No. 8.9e-08;
RESULT 640
ID ADP21807 standard; protein; 97 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #4.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 15.3%; Score 207; DB 8; Length 97;
Best Local Similarity 34.4%; Pred. No. 7.4e-09;
RESULT 641
ID ABR43310 standard; protein; 527 AA.
DE Human lipid-associated molecule LIPAM-15 protein SEQ ID NO:15.
PN WO2003025150-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 15.3%; Score 206.5; DB 6; Length 527;
Best Local Similarity 32.0%; Pred. No. 5.9e-08;
RESULT 642
ID ADM47265 standard; protein; 404 AA.
DE LDL receptor domain containing protein NOVX 21a protein.
PN WO2003083039-A2.
PD 09-OCT-2003.
PA (CURA-) CURAGEN CORP.
Query Match 15.1%; Score 205; DB 7; Length 404;
Best Local Similarity 34.0%; Pred. No. 5.7e-08;
RESULT 643
ID ADP21773 standard; protein; 83 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A19.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 15.0%; Score 203.5; DB 8; Length 83;
Best Local Similarity 34.5%; Pred. No. 1.2e-08;
RESULT 644
ID ADN11591 standard; protein; 986 AA.
DE Human CD91 protein fragment SEQ ID NO: 12.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANT1-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 15.0%; Score 203; DB 8; Length 986;
Best Local Similarity 33.1%; Pred. No. 2.3e-07;
RESULT 645
ID ADH71744 standard; protein; 336 AA.
DE Human protein of the invention NOV28b SEQ ID NO:640.
PN WO2003102155-A2.
PD 11-DEC-2003.

PA (CURA-) CURAGEN CORP.
Query Match 15.0%; Score 202.5; DB 8; Length 336;
Best Local Similarity 26.3%; Pred. No. 7.3e-08;
RESULT 646
ID ADN23115 standard; protein; 548 AA.
DE Bacterial polypeptide #5768.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 15.0%; Score 202.5; DB 8; Length 548;
Best Local Similarity 34.3%; Pred. No. 1.3e-07;
RESULT 647
ID ADG31207 standard; protein; 572 AA.
DE Novel mouse protein #8.
PN WO2003089644-A1.
PD 30-OCT-2003.
PA (RIKE) RIKEN KK.
PA (DNAF-) DNAFORM KK.
PA (MITU) MITSUBISHI CHEM CORP.
Query Match 15.0%; Score 202.5; DB 8; Length 572;
Best Local Similarity 40.2%; Pred. No. 1.4e-07;
RESULT 648
ID AAR07713 standard; protein; 800 AA.
DE Human low density lipoprotein receptor.
PN USA966837-A.
PD 30-OCT-1990.
PA (TEXA) UNIV OF TEXAS SYSTE.
Query Match 14.9%; Score 201.5; DB 2; Length 800;
Best Local Similarity 25.4%; Pred. No. 2.4e-07;
RESULT 649
ID ASU04134 standard; protein; 800 AA.
DE Human expressed protein tag (EPT) #800.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYSCO INC.
Query Match 14.9%; Score 201.5; DB 6; Length 800;
Best Local Similarity 25.4%; Pred. No. 2.4e-07;
RESULT 650
ID AAR05532 standard; protein; 159 AA.
DE Fragment of Heymann nephritis antigen, gp330.
PN EP358977-A.
PD 21-MAR-1990.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 14.8%; Score 201; DB 2; Length 159;
Best Local Similarity 39.2%; Pred. No. 4e-08;
RESULT 651
ID AAU81038 standard; protein; 161 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #7.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 14.8%; Score 201; DB 5; Length 161;
Best Local Similarity 30.9%; Pred. No. 4.1e-08;
RESULT 652
ID AAY44426 standard; protein; 1042 AA.
DE Human serine protease, Corin.
PN WO9964608-A1.
PD 16-DEC-1999.
PA (SCHD) SCHERING AG.
Query Match 14.8%; Score 201; DB 3; Length 1042;
Best Local Similarity 40.3%; Pred. No. 3.6e-07;
RESULT 653
ID AAE06939 standard; protein; 1042 AA.
DE Human corin protein.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 14.8%; Score 201; DB 4; Length 1042;
Best Local Similarity 40.3%; Pred. No. 3.6e-07;

RESULT 654
ID ADI10398 standard; protein; 1042 AA.
DE Human cell surface protease #15.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 14.8%; Score 201; DB 7; Length 1042;
Best Local Similarity 40.3%; Pred. No. 3.6e-07;
RESULT 655
ID ADJ46922 standard; protein; 1042 AA.
DE Human transmembrane serine protease (MTSP)-related polypeptide #5.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 14.8%; Score 201; DB 8; Length 1042;
Best Local Similarity 40.3%; Pred. No. 3.6e-07;
RESULT 656
ID ADR29373 standard; protein; 1042 AA.
DE Human corin dopaminergic neuronal marker SEQ ID NO:4.
PN WO2004065599-A1.
PD 05-AUG-2004.
PA (EISA) EISAI CO LTD.
Query Match 14.8%; Score 201; DB 8; Length 1042;
Best Local Similarity 40.3%; Pred. No. 3.6e-07;
RESULT 657
ID ABB11975 standard; peptide; 1076 AA.
DE Human corin homologue, SEQ ID NO:2345.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 14.8%; Score 201; DB 4; Length 1076;
Best Local Similarity 40.3%; Pred. No. 3.7e-07;
RESULT 658
ID ADP21772 standard; protein; 80 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A17.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 14.7%; Score 199; DB 8; Length 80;
Best Local Similarity 35.1%; Pred. No. 2.6e-08;
RESULT 659
ID ADP21810 standard; protein; 86 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #8.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 14.6%; Score 198; DB 8; Length 86;
Best Local Similarity 36.8%; Pred. No. 3.4e-08;
RESULT 660
ID AAU81037 standard; protein; 122 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #6.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 14.6%; Score 197.5; DB 5; Length 122;
Best Local Similarity 36.1%; Pred. No. 5.6e-08;
RESULT 661
ID AAU81040 standard; protein; 150 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #9.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 14.6%; Score 197.5; DB 5; Length 150;
Best Local Similarity 36.1%; Pred. No. 7.1e-08;
RESULT 662
ID ADP21766 standard; protein; 81 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A1.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 14.5%; Score 196.5; DB 8; Length 81;
Best Local Similarity 35.1%; Pred. No. 4.2e-08;
RESULT 663

ID AAU18663 standard; protein; 72 AA.
DE Renal and cardiovascular-associated protein, Seq ID 102.
PN WO200155328-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.5%; Score 196; DB 4; Length 72;
Best Local Similarity 100.0%; Pred. No. 4e-08;
RESULT 664
ID AAU20442 standard; protein; 72 AA.
DE Human secreted protein, Seq ID No 434.
PN WO200155328-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.5%; Score 196; DB 4; Length 72;
Best Local Similarity 100.0%; Pred. No. 4e-08;
RESULT 665
ID AAM85771 standard; protein; 72 AA.
DE Human immune/haematopoietic antigen SEQ ID NO:13364.
PN WO200157182-A2.
PD 09-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.5%; Score 196; DB 4; Length 72;
Best Local Similarity 100.0%; Pred. No. 4e-08;
RESULT 666
ID ABU97278 standard; protein; 72 AA.
DE Human polypeptide #20.
PN US2003013649-A1.
PD 16-JAN-2003.
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match 14.5%; Score 196; DB 6; Length 72;
Best Local Similarity 100.0%; Pred. No. 4e-08;
RESULT 667
ID ADP21808 standard; protein; 90 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #7.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 14.5%; Score 196; DB 8; Length 90;
Best Local Similarity 36.8%; Pred. No. 5.2e-08;
RESULT 668
ID ABO58310 standard; protein; 338 AA.
DE Human genome derived single exon protein #4544.
PN US2003194704-A1.
PD 16-OCT-2003.
PA (PERN/) PERNN S G.
PA (RANK/) RANK D R.
PA (HANZ/) HANZEL D K.
Query Match 14.3%; Score 194; DB 8; Length 338;
Best Local Similarity 34.2%; Pred. No. 3.5e-07;
RESULT 669
ID AAB59032 standard; protein; 485 AA.
DE Breast and ovarian cancer associated antigen protein sequence SEQ ID 740.
PN WO200055173-A1.
PD 21-SEP-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.3%; Score 194; DB 3; Length 485;
Best Local Similarity 34.2%; Pred. No. 5.3e-07;
RESULT 670
ID AAY15228 standard; protein; 591 AA.
DE Human receptor protein (HURP) 7 amino acid sequence.
PN WO9941375-A2.
PD 19-AUG-1999.
PA (INCY-) INCYTE PHARM INC.
Query Match 14.3%; Score 194; DB 2; Length 591;
Best Local Similarity 34.2%; Pred. No. 6.7e-07;
RESULT 671
ID AAY41712 standard; protein; 713 AA.
DE Human PRO724 protein sequence.
PN WO9946281-A2.
PD 16-SEP-1999.
PA (GETH) GENENTECH INC.

Query Match 14.3%; Score 194; DB 2; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 672
ID AAY71081 standard; protein; 713 AA.
DE Human TANGO 136 protein.
PN WO200026227-A1.
PD 11-MAY-2000.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 14.3%; Score 194; DB 3; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 673
ID AAB44268 standard; protein; 713 AA.
DE Human PRO724 (UNQ389) protein sequence SEQ ID NO:183.
PN WO200053756-A2.
PD 14-SEP-2000.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 3; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 674
ID AAU29231 standard; protein; 713 AA.
DE Human PRO peptide sequence #208.
PN WO200168848-A2.
PD 20-SEP-2001.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 4; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 675
ID ABB90346 standard; protein; 713 AA.
DE Human polypeptide SEQ ID NO 2722.
PN WO200190304-A2.
PD 29-NOV-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.3%; Score 194; DB 5; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 676
ID ABB84856 standard; protein; 713 AA.
DE Human PRO724 protein sequence SEQ ID NO:80.
PN WO200200690-A2.
PD 03-JAN-2002.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 5; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 677
ID ABB05751 standard; protein; 713 AA.
DE Human G protein-coupled receptor NOV2 protein SEQ ID NO:6.
PN WO200200691-A2.
PD 03-JAN-2002.
PA (CURA-) CURAGEN CORP.
Query Match 14.3%; Score 194; DB 5; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 678
ID ABB95462 standard; protein; 713 AA.
DE Human angiogenesis related protein PRO724 SEQ ID NO: 80.
PN WO200202884-A2.
PD 31-JAN-2002.
PA (GETH) GENENTECH INC.
PA (BAKE/) BAKER K P.
PA (FERR/) FERRARA N.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (MARS/) MARSTERS S A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (STEP/) STEPHAN J F.
PA (WATA/) WATANABE C K.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 14.3%; Score 194; DB 5; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 679
ID ABU58607 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003027272-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 680
ID ABU88155 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032127-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 681
ID ABU84470 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032112-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 682
ID ABR66344 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027278-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 683
ID ABR65734 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036159-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 684
ID ABU99674 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040070-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 685
ID ABU82913 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032113-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 686
ID ABU90034 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036147-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 687
ID ABR68283 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027264-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 688
ID ADA57036 standard; protein; 713 AA.
DE Human secreted protein #319.
PN WO2002102994-A2.
PD 27-DEC-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 689
ID ABU96336 standard; protein; 713 AA.

DE Novel human secreted and transmembrane protein PRO724.
PN US2003036144-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 690
ID ABU92767 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036149-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 691
ID ABO08844 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044923-A1.
PD 06-MAR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 692
ID ABO02896 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040062-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 693
ID ABR75050 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040056-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 694
ID ABR94812 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044926-A1.
PD 06-MAR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 695
ID ABO25214 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003050239-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 696
ID ABU85785 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036140-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 697
ID ABU98945 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003013153-A1.
PD 16-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 698
ID ABU98160 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003017544-A1.
PD 23-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 699
ID ABU91866 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036149-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 700
ID ABU72220 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2002192706-A1.
PD 19-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 701
ID ABU9559 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036141-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 702
ID ABU86400 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036146-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 703
ID ABU67613 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036162-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 704
ID ABU80641 standard; protein; 713 AA.
DE Human PRO protein #208.
PN US2003036137-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 705
ID ABR99559 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040063-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 706
ID ABR98949 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040064-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 707
ID ABO16472 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027267-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 708
ID ABR92372 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036160-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 709
ID ABO19013 standard; protein; 713 AA.

DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044925-A1.
PD 06-MAR-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 710
ID ABR78434 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054474-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 711
ID ABR85170 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032114-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 712
ID ABO00309 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032101-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 713
ID ABO11641 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036124-A1.
PD 20-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 714
ID ABO02286 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040054-A1.
PD 27-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 715
ID ADA40891 standard; protein; 713 AA.
DE Human secreted protein.
PN WO2002102993-A2.
PD 27-DEC-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 716
ID ABU88860 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036133-A1.
PD 20-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 717
ID ABU83555 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036134-A1.
PD 20-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 718
ID ABO06356 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022294-A1.
PD 30-JAN-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 719
ID ABR59392 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.

PN US2003027275-A1.
PD 06-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 720
ID ABO09454 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027324-A1.
PD 06-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 721
ID ABO19318 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036118-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 722
ID ABO11336 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036123-A1.
PD 20-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 723
ID ABR66954 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036148-A1.
PD 20-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 724
ID ABO16167 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040060-A1.
PD 27-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 725
ID ABO13873 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044916-A1.
PD 06-MAR-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 726
ID ABU84900 standard; protein; 713 AA.
DE Human secreted and transmembrane polypeptide PRO724.
PN US2002177553-A1.
PD 28-NOV-2002.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 727
ID ABU65776 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, SEQ ID 416.
PN US2003036156-A1.
PD 20-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 728
ID ABO07624 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032117-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity 14.3%; Score 194; DB 6; Length 713;
34.2%; Pred. No. 8.4e-07;
RESULT 729
ID ABO03811 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036128-A1.

PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 730
ID ABR67259 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027266-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 731
ID ABO15862 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054483-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 732
ID ABU56143 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003022298-A1.
PD 30-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 733
ID ABU61098 standard; protein; 713 AA.
DE Human PRO724 polypeptide.
PN US2002169284-A1.
PD 14-NOV-2002.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 734
ID ABU65471 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032102-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 735
ID ABU95416 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036117-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 736
ID ABU71319 standard; protein; 713 AA.
DE Human PRO724 protein.
PN US2003036143-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 737
ID ABO07929 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032130-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 738
ID ABR70170 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032138-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 739
ID ABR69503 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036132-A1.

PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 740
ID ABO01644 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003008353-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 741
ID ABU81446 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003017542-A1.
PD 23-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 742
ID ABR60243 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032137-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 743
ID ABR67978 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027269-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 744
ID ABR65366 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027268-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 745
ID ABR69588 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027274-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 746
ID ABR72000 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032135-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 747
ID ABU85480 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022295-A1.
PD 30-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 748
ID ABU89170 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003022297-A1.
PD 30-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 749
ID ABU83250 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032105-A1.
PD 13-FEB-2003.

Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 750
ID ABU95106 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032123-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 751
ID ABU90654 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032108-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 752
ID ABU84165 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032111-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 753
ID ABU93816 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032119-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 754
ID ABR65061 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027263-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 755
ID ABR68893 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027271-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 756
ID ABO06709 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036125-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 757
ID ABR99254 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040068-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 758
ID ABU57138 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003027280-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 759
ID ABU86090 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022300-A1.
PD 30-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 760
ID ABU82377 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036136-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 761
ID ABU87388 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036138-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 762
ID ABU83860 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032109-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 763
ID ABO08234 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003040066-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 764
ID ABU81945 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032104-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 765
ID ABU66109 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036157-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 766
ID ABR59938 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032120-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 767
ID ABU94126 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036155-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 768
ID ABU80367 standard; protein; 713 AA.
DE Human secreted/transmembrane protein PRO724.
PN US2003004102-A1.
PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 769
ID ABU99979 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022296-A1.
PD 30-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 770
ID ABR66649 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027281-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 771
ID ABR91067 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040058-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 772
ID ABU94494 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003017540-A1.
PD 23-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 773
ID ABU9376 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032106-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 774
ID ABU86705 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032129-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 775
ID ABU87010 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032131-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 776
ID ABU94799 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032103-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 777
ID ABO04726 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032107-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 778
ID ABR70475 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032139-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 779
ID ABU98640 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022301-A1.
PD 30-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 780
ID ABR66039 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036165-A1.

PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 781
ID ABR64756 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027262-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 782
ID ABU79681 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032110-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 783
ID ABU93072 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036142-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 784
ID ABU96031 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036145-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 785
ID ABU91251 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036154-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 786
ID ABU90344 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036153-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 787
ID ABO09759 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044931-A1.
PD 06-MAR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 788
ID ABO11031 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036150-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 789
ID ABR71085 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040069-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 790
ID ABU87693 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022293-A1.
PD 30-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;

Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 791
ID ABU91561 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032128-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 792
ID ABU84775 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032116-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 793
ID ABR69865 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032122-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 794
ID ABU80242 standard; protein; 713 AA.
DE Human PRO protein #208.
PN US2003036139-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 795
ID ABU93511 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003017541-A1.
PD 23-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 796
ID ABO10064 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003017543-A1.
PD 23-JAN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 797
ID ABO09149 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036152-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 798
ID ABU10717 standard; protein; 713 AA.
DE Human secreted/transmembrane protein #208.
PN US2002127584-A1.
PD 12-SEP-2002.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 799
ID ABU95726 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032115-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 800
ID ABU96935 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032140-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 801
ID ABR70780 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040076-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 802
ID ABO05131 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003008352-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 803
ID ABO08539 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044922-A1.
PD 06-MAR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 804
ID ABO05746 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032118-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 805
ID ABR74135 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036135-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 806
ID ABR95727 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054455-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 807
ID ABR81024 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049741-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 808
ID ABR81329 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049743-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 809
ID ABO101025 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049769-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 810
ID ABR88627 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068743-A1.
PD 10-APR-2003.

PN US2003064440-A1.
PD 03-APR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 830
ID ABM16151 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068704-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 831
ID ABM03770 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068722-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 832
ID ABM35221 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073183-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 833
ID ABM26458 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104549-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 834
ID ABO48240 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049749-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 835
ID ABR92982 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064462-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 836
ID ABO24743 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003065159-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 837
ID ABM11754 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064447-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 838
ID ABM02855 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073184-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.

PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 839
ID ABM16151 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064463-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 840
ID ABO27712 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064451-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 841
ID ABM29203 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068721-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 842
ID ABM07179 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068699-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 843
ID ABM21273 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068707-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 844
ID ABM09619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073175-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 845
ID ABO41489 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068695-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 846
ID ABO36304 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068703-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 847
ID ABO43833 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068732-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.

```
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 848
ID ABM76533 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082717-A1.
PD 01-MAY-2003.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 849
ID ABM76229 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104548-A1.
PD 05-JUN-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 850
ID ABM25848 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104542-A1.
PD 05-JUN-2003.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 851
ID ABM26153 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104543-A1.
PD 05-JUN-2003.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 852
ID ABO03506 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036127-A1.
PD 20-FEB-2003.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 853
ID ABO02591 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040061-A1.
PD 27-FEB-2003.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 854
ID ABR90762 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036130-A1.
PD 20-FEB-2003.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 855
ID ABR73830 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054468-A1.
PD 20-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 856
ID ABO17082 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054470-A1.
PD 20-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 857
ID ABR94507 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044917-A1.
PD 06-MAR-2003.

Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 858
ID ABR76014 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044929-A1.
PD 06-MAR-2003.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 859
ID ABR71390 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059880-A1.
PD 27-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 860
ID ABR93287 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003084485-A1.
PD 03-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 861
ID ABR93592 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054478-A1.
PD 20-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 862
ID ABR88017 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068718-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 863
ID ABO28017 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003084454-A1.
PD 03-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 864
ID ABO30152 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064461-A1.
PD 03-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 865
ID ABO33361 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068724-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 866
ID ABM05049 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003088727-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match      14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 867
ID ABR94507 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044917-A1.
PD 06-MAR-2003.
```


RESULT 867
ID ABO9009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068772-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 868
ID ABO36609 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068714-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 869
ID ABO36694 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068758-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 870
ID ABO39659 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068776-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 871
ID ABO10534 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003069407-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 872
ID ABO12059 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104555-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 873
ID ABO52205 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049768-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 874
ID ABO52510 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049771-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 875
ID ABO23828 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032134-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 876
ID ABR97314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054481-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 877
ID ABR87102 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049778-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 878
ID ABR11144 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049782-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 879
ID ASK28288 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054476-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 880
ID ABO32287 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068733-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 881
ID ABR15414 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003086692-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 882
ID ABO6569 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068709-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 883
ID ABO4380 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068716-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 884
ID ABR22493 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068740-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 885
ID ABO7789 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.

PN US2003068751-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 886
ID ABO40879 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068684-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 887
ID ABM35526 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073179-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 888
ID ABM33289 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003087374-A1.
PD 08-MAY-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 889
ID ABO52815 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049773-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 890
ID ABO50375 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049777-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 891
ID ABU93369 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040055-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 892
ID ABO44421 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036164-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 893
ID ABO06051 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040074-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 894
ID ABM18591 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054480-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 895
ID ABR97619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059885-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 896
ID ABR80719 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049740-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 897
ID ABM01330 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049770-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 898
ID ABR88932 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073189-A1.
PD 17-APR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 899
ID ABM13584 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064457-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 900
ID ABM20968 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068711-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 901
ID ABO42099 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049745-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 902
ID ABO42709 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049751-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 903
ID ABM10229 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003067478-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 904
ID ABO38744 standard; protein; 713 AA.

DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068773-A1.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 905
ID ABR32984 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073185-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 906
ID ABR22798 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003087373-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 907
ID ABR75009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096353-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 908
ID ADA79960 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003073173-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 909
ID ADA24722 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003050241-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 910
ID ABR96399 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054458-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 911
ID ABR02550 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059886-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 912
ID ABR86492 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049758-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 913
ID ABR86797 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049772-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 914
ID ABR16761 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064448-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 915
ID ABR29813 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064456-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 916
ID ABO29237 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068693-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 917
ID ABR24018 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068735-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 918
ID ABR23408 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068753-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 919
ID ABR22188 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068742-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 920
ID ABO37829 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068756-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 921
ID ABR28593 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082715-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 922
ID ABR28898 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082716-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 923
ID ABR66542 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068737-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 924
ID ABR75924 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104547-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 925
ID ABR34204 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096359-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 926
ID ABR34509 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003100061-A1.
PD 29-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 927
ID ABO19669 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003050240-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 928
ID ABO20440 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032125-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 929
ID ABO21355 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054454-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 930
ID ABO22270 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054477-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 931
ID ADA12383 standard; protein; 713 AA.
DE Human secreted/transmembrane polypeptide PRO724.
PN US2003055216-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 932
ID ABR96704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054460-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 933
ID ABR85882 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049753-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 934
ID ABR39864 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049763-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 935
ID ABR00720 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073172-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 936
ID ABR00415 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073172-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 937
ID ABO29847 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068700-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 938
ID ABR23713 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068736-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 939
ID ABR29508 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068679-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 940
ID ABO38439 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068767-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 941
ID ABO45739 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003073182-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;

RESULT 942
ID ABR20663 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104557-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR26763 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032121-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR1687 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003092121-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR1677 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027276-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR22830 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003027265-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR23135 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054461-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR2677 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064446-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR1634 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049744-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR78058 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049783-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR9847 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073171-A1.

PD 17-APR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 952
ID ABR26763 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032121-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR13889 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064458-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR28627 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064460-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR30457 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064464-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR07484 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068702-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR04075 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068734-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR37219 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068719-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR41794 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068729-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
ID ABR35389 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068738-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;

Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 961
ID ABM25238 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104540-A1.
PD 05-JUN-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 962
ID ABO47630 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049742-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 963
ID ABO47935 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049747-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 964
ID ABO48545 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049750-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 965
ID ABO51595 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049766-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 966
ID ABO51900 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049767-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 967
ID ABO50680 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049779-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 968
ID ABR79804 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040059-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 969
ID ABM17066 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040078-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 970
ID ABO18098 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073174-A1.
PD 17-APR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 971
ID ABO21050 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032132-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 972
ID ABR97009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054482-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 973
ID ABM12364 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064445-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 974
ID ABM16456 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064449-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 975
ID ABM24323 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064441-A1.
PD 03-APR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 976
ID ABM14804 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068696-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 977
ID ABM04685 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068712-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 978
ID ABM06874 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068730-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 979
ID ABM09314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073174-A1.
PD 17-APR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;

Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 980
ID ABO39354 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068775-A1.
PD 10-APR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 981
ID ABO75619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104545-A1.
PD 05-JUN-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 982
ID ABR75619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104541-A1.
PD 05-JUN-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 983
ID ABR75619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104554-A1.
PD 05-JUN-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 984
ID ABO46959 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049762-A1.
PD 13-MAR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 985
ID ABO47264 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049765-A1.
PD 13-MAR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 986
ID ADA83485 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049752-A1.
PD 13-MAR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 987
ID ABR71695 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032133-A1.
PD 13-FEB-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 988
ID ABR72305 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032136-A1.
PD 13-FEB-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 989
ID ABR98644 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032136-A1.
PD 13-FEB-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 990
ID ABO7014 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040053-A1.
PD 27-FEB-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 991
ID ABR84967 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040057-A1.
PD 27-FEB-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 992
ID ABR73525 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054467-A1.
PD 20-MAR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 993
ID ABR76619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044932-A1.
PD 06-MAR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 994
ID ABR73220 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027270-A1.
PD 06-FEB-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 995
ID ABR18286 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054469-A1.
PD 20-MAR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 996
ID ABO20745 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032126-A1.
PD 13-FEB-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 997
ID ABO25488 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054463-A1.
PD 20-MAR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 998
ID ABO25793 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054466-A1.
PD 20-MAR-2003
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 999
ID ABR94202 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059879-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1000
ID ABR0109 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049738-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1001
ID ABM11449 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064469-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1002
ID ABO33056 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003064453-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1003
ID ABO30762 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064466-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1004
ID ABO31067 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064468-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1005
ID ABM27373 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068760-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1006
ID ABM30118 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068769-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1007
ID ABM05654 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003045700-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1008
ID ABM15719 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068698-A1.

PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1009
ID ABM08704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068759-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1010
ID ABO42404 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049748-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1011
ID ABO38134 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068765-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1012
ID ABO46044 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049754-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1013
ID ABM66847 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068688-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1014
ID ADB20528 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003082767-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1015
ID ABM19748 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104552-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1016
ID ABO49460 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049774-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1017
ID ABO49765 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049775-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.

Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1018
ID ADA78780 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003073181-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1019
ID ABO19560 standard; protein; 713 AA.
DE Novel human secreted and transmembrane polypeptide #28.
PN US2003049633-A1.
PD 13-MAR-2003.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1020
ID ABR8322 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068720-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1021
ID ABR27068 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068739-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1022
ID ABR03465 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068763-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1023
ID ABO39964 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068689-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1024
ID ABO50070 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049776-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1025
ID ABO50985 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049780-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1026
ID ABO5441 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036126-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1027

ID ABR74745 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044924-A1.
PD 06-MAR-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1028
ID ABR7724 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044927-A1.
PD 06-MAR-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1029
ID ABR17981 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040072-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1030
ID ABR96032 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040073-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1031
ID ABO21965 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054475-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1032
ID ABO20135 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032124-A1.
PD 13-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1033
ID ABO24438 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064467-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1034
ID ABR6187 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049759-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1035
ID ABR10839 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064455-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1036
ID ABR76838 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054465-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;

```
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1037
ID ABR89542 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027273-A1.
PD 06-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1047
ID ABR9237 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036119-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1048
ID ABR72610 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036120-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1049
ID ABR74440 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036161-A1.
PD 20-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1050
ID ABO18708 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044921-A1.
PD 06-MAR-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1051
ID ABR80414 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049739-A1.
PD 13-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1052
ID ABM01635 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059882-A1.
PD 27-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1053
ID ABM02245 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059884-A1.
PD 27-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1054
ID ABR87407 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068687-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1055
ID ABM12974 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073186-A1.
PD 17-APR-2003.
PA (GETH ) GENENTECH INC.
```

```
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1037
ID ABR89542 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073170-A1.
PD 17-APR-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1038
ID ABM12669 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073176-A1.
PD 17-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1039
ID ABM05959 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003088717-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1040
ID ABO35084 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003088728-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1041
ID ABM03160 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068764-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1042
ID ABM19138 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104550-A1.
PD 05-JUN-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1043
ID ABM19443 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104551-A1.
PD 05-JUN-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1044
ID ABO46654 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049761-A1.
PD 13-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1045
ID ABO49155 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049757-A1.
PD 13-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1046
ID ABO49155 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049757-A1.
PD 13-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1046
```

Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1056
ID ABM30728 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064443-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1057
ID ABM24628 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064444-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1058
ID ABO29542 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068697-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1059
ID ABO31372 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068710-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1060
ID ABM14499 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068686-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1061
ID ABM09924 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073178-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1062
ID ABO39049 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068774-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1063
ID ABM34814 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104538-A1.
PD 05-JUN-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1064
ID ABO51290 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049781-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1065
ID ABO4116 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036158-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1066
ID ABO10586 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036151-A1.
PD 20-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1067
ID ABR77829 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040067-A1.
PD 27-FEB-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1068
ID ABR79039 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054456-A1.
PD 20-MAR-2003.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1069
ID ABO24133 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054482-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1070
ID ABR93897 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054457-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1071
ID ABM01940 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059883-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1072
ID ABM78363 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049764-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1073
ID ABR90152 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073177-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1074
ID ABM27678 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064442-A1.
PD 03-APR-2003.

```
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1075
ID ABM13279 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064450-A1.
PD 03-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1076
ID ABO31982 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068731-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1077
ID ABM14194 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068683-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1078
ID ABM08399 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068754-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1079
ID ABO40269 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068681-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1080
ID ABM74704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096351-A1.
PD 22-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1081
ID ABM33899 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096359-A1.
PD 22-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1082
ID ABM20358 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104556-A1.
PD 05-JUN-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1083
ID ABO48850 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049756-A1.
PD 13-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1084
ID ABR72915 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036122-A1.
PD 20-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1085
ID ABO15557 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036121-A1.
PD 20-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1086
ID ABR85272 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040065-A1.
PD 27-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1087
ID ABO15252 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044919-A1.
PD 06-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1088
ID ABO17387 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040077-A1.
PD 27-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1089
ID ABM17676 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044928-A1.
PD 06-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1090
ID ABR85577 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049746-A1.
PD 13-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1091
ID ABM77143 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054464-A1.
PD 20-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1092
ID ABO28322 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064459-A1.
PD 03-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1093
ID ABM23103 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068757-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
```

Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1094
ID ABO46349 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049760-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1095
ID ABO21883 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068723-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1096
ID ABO21578 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068744-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1097
ID ABO15109 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068766-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1098
ID ABO41184 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068694-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1099
ID ABO36914 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068715-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1100
ID ABO37524 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068726-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1101
ID ABO75314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104544-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1102
ID ABO33594 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096357-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1103
ID ABO46349 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049760-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1104
ID ADA82851 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049755-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1105
ID ABO31948 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068680-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1106
ID ABO31338 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068762-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1107
ID ABO73689 standard; protein; 713 AA.
DE Human PRO polypeptide #28.
PN US2003045462-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1108
ID ABO86159 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054472-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1109
ID ABO32253 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068708-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1110
ID ABO32558 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068713-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1111
ID ABO31643 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068761-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1112
ID ABO31643 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068761-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;

ID ABM31033 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068771-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1113
ID ADB76405 standard; protein; 713 AA.
DE Human PRO polypeptide #28.
PN US2003083248-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1114
ID ADC43831 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003054986-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1115
ID ADC61591 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003049684-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1116
ID ADC63555 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003054405-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1117
ID ADC66655 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003060406-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1118
ID ADC68779 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003064407-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1119
ID ADC62839 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003068648-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1120
ID ADC67904 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003069178-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1121
ID ADC41224 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003072745-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1122
ID ADC67279 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003073131-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1123
ID ADC62215 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003073624-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1124
ID ADC41848 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003104998-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1125
ID ADC74198 standard; protein; 713 AA.
DE Human secreted protein - SEQ ID 831.
PN WO2003038063-A2.
PD 08-MAY-2003.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1126
ID ADD05889 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003087376-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1127
ID ADD10369 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40.
PN US2003105011-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1128
ID ADD11329 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40.
PN US2003105013-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1129
ID ADD37122 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40..
PN US2003105012-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1130
ID ADD37917 standard; protein; 713 AA.
DE Human secreted protein #100.

PN WO200290526-A2.
PD 14-NOV-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1131
ID ADE49217 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003096744-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1132
ID ADE35271 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203434-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1133
ID ADE16385 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203435-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1134
ID ADD73000 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203436-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1135
ID ADD72358 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003194781-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1136
ID ADE17009 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203433-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1137
ID ADF47023 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003195333-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1138
ID ADG02884 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207397-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1139
ID ADO1591 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207399-A1.

PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1140
ID ADF95766 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207398-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1141
ID ADG12581 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207392-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1142
ID ADH09241 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003207395-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1143
ID ADG52780 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003216561-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1144
ID ADG60100 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003206915-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1145
ID ADI60860 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003077700-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1146
ID ADL33020 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207396-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1147
ID ADM30556 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003073813-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1148
ID ADE48517 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003104536-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.

Query Match
Best Local Similarity 14.3%; Score 194; DB 8; Length 713;
RESULT 1149
ID ADE41330 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40.
PN US2003100497-A1.
PD 29-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1150
ID ADE74553 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003211572-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1151
ID ADE75165 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003211574-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1152
ID ADE89618 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003130181-A1.
PD 10-JUL-2003.
PA (ASHK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERK/) GERKITSSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUNAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1153
ID ADF61258 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003195345-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1154
ID ADF39950 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003198594-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1155
ID ADF45746 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003195148-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1156
ID ADF24142 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003204055-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1157
ID ADF40574 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003199021-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1158
ID ADF23518 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203402-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1159
ID ADF33501 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003194780-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1160
ID ADF26968 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003199436-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1161
ID ADF27604 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003199437-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1162
ID ADF41198 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003199435-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1163
ID ADF32877 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003211091-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;

RESULT 1164
ID ADF25243 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003211092-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1165
ID ADF26344 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003195674-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1166
ID ADF34133 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003194410-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1167
ID ADF46370 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003195344-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1168
ID ADF96378 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003215909-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1169
ID ADG04649 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003215912-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1170
ID ADG00809 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003215911-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1171
ID ADG83065 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003215910-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1172
ID ADH26346 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003068770-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1173
ID ADG50356 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003207803-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1174
ID ADG49732 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003215905-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1175
ID ADG51604 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003215908-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1176
ID ADH33315 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068768-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1177
ID ADG49108 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003216305-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1178
ID ADG48484 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003216560-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1179
ID ADG50980 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004005312-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1180
ID ADH43513 standard; protein; 713 AA.
DE Human PRO polypeptide #40.
PN US2003224984-A1.
PD 04-DEC-2003.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1181
ID ADG58924 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004005657-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1182
ID ADG62380 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.

PN US2004006219-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1183
ID ADH25405 standard; protein; 713 AA.
DE Human neurotrophin homologue related protein sequence SEQ ID NO:183.
PN EP1386931-A1.
PD 04-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1184
ID ADJ55054 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2004023321-A1.
PD 05-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1185
ID ADK82858 standard; protein; 713 AA.
DE Human PRO polypeptide #40.
PN US2004043927-A1.
PD 04-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1186
ID ADJ64825 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2004038337-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1187
ID ADM31721 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004048334-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1188
ID ADM17182 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004048332-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1189
ID ADM36768 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004053358-A1.
PD 18-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1190
ID ADM40573 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004048335-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1191
ID ADL07016 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004063921-A1.

PD 01-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1192
ID ADN38181 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004091959-A1.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 14.3%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 8.4e-07;
RESULT 1193
ID ADI16820 standard; protein; 855 AA.
DE Rat NOVX protein homologue SeqID 356.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 14.3%; Score 193.5; DB 5; Length 855;
Best Local Similarity 39.3%; Pred. No. 1.1e-06;
RESULT 1194
ID ADI16881 standard; protein; 855 AA.
DE Rat NOVX protein homologue SeqID 417.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 14.3%; Score 193.5; DB 5; Length 855;
Best Local Similarity 39.3%; Pred. No. 1.1e-06;
RESULT 1195
ID ADI16878 standard; protein; 855 AA.
DE Rat NOVX protein homologue SeqID 414.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 14.3%; Score 193.5; DB 5; Length 855;
Best Local Similarity 39.3%; Pred. No. 1.1e-06;
RESULT 1196
ID ADP21767 standard; protein; 81 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A2.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 14.3%; Score 193; DB 8; Length 81;
Best Local Similarity 36.0%; Pred. No. 7.9e-08;
RESULT 1197
ID AAW75070 standard; protein; 132 AA.
DE Human secreted protein encoded by gene 14 clone HSNBL85.
PN WO9839446-A2.
PD 11-SEP-1998.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 14.3%; Score 193; DB 2; Length 132;
Best Local Similarity 42.1%; Pred. No. 1.4e-07;
RESULT 1198
ID ABO01946 standard; protein; 132 AA.
DE Novel human secreted protein #14.
PN US2003027132-A1.
PD 06-FEB-2003.
PA (RUBE/) RUBEN S M.
PA (ROSE/) ROSEN C A.
PA (FISC/) FISCHER C L.
PA (SOPP/) SOPPET D R.
PA (CART/) CARTER K C.
PA (BEDN/) BEDNARIK D R.
PA (ENDR/) ENDRESS G A.
PA (YUGG/) YU G.
PA (NIJJ/) NI J.
PA (FENG/) FENG P.
PA (YOUN/) YOUNG P E.
PA (GREE/) GREENE J M.
PA (FERR/) FERRIE A M.
PA (DUAN/) DUAN R.
PA (HUJJ/) HU J.
PA (FLOR/) FLORENCE K A.

PA (OLSE// OLSEN H S.
 PA (EBNE// EBNER R.
 PA (BREW// BREWER L A.
 PA (SHIY// SHI Y.
 Query Match 14.3%; Score 193; DB 6; Length 132;
 Best Local Similarity 42.1%; Pred. No. 1.4e-07;
 RESULT 1199
 ID AAU81061 standard; protein; 83 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #30.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 14.2%; Score 192.5; DB 5; Length 83;
 Best Local Similarity 36.0%; Pred. No. 8.9e-08;
 RESULT 1200
 ID ADN23077 standard; protein; 574 AA.
 DE Bacterial polypeptide #5730.
 PN US2003233675-A1.
 PD 18-DEC-2003.
 PA (CAOY// CAO Y.
 PA (HINK// HINKLE G J.
 PA (SLAT// SLATER S C.
 PA (CHEN// CHEN X.
 PA (GOLD// GOLDMAN B S.
 Query Match 14.1%; Score 191.5; DB 8; Length 574;
 Best Local Similarity 32.3%; Pred. No. 1e-06;
 RESULT 1201
 ID AAM23981 standard; protein; 190 AA.
 DE Rat EST encoded protein SEQ ID NO: 1506.
 PN WO200154477-A2.
 PD 02-AUG-2001.
 PA (HYSE-) HYSEQ INC.
 Query Match 14.1%; Score 191; DB 4; Length 190;
 Best Local Similarity 33.1%; Pred. No. 3.1e-07;
 RESULT 1202
 ID AAB62391 standard; protein; 345 AA.
 DE Human LDL receptor family protein (LDLPL).
 PN WO200127274-A1.
 PD 19-APR-2001.
 PA (LEXI-) LEXICON GENETICS INC.
 Query Match 14.1%; Score 191; DB 4; Length 345;
 Best Local Similarity 27.5%; Pred. No. 6.2e-07;
 RESULT 1203
 ID AAB88456 standard; protein; 345 AA.
 DE Human membrane or secretory protein clone PSEC0246.
 PN EP1067182-A2.
 PD 10-JAN-2001.
 PA (HELI-) HELIX RES INST.
 Query Match 14.1%; Score 191; DB 4; Length 345;
 Best Local Similarity 27.5%; Pred. No. 6.2e-07;
 RESULT 1204
 ID ABG61884 standard; protein; 345 AA.
 DE Prostate cancer-associated protein #85.
 PN WO200230268-A2.
 PD 18-APR-2002.
 PA (BOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 14.1%; Score 191; DB 5; Length 345;
 Best Local Similarity 27.5%; Pred. No. 6.2e-07;
 RESULT 1205
 ID ADN39406 standard; protein; 345 AA.
 DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A6.
 PN WO2003042661-A2.
 PD 22-MAY-2003.
 PA (BOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 14.1%; Score 191; DB 7; Length 345;
 Best Local Similarity 27.5%; Pred. No. 6.2e-07;
 RESULT 1206
 ID ADN39496 standard; protein; 345 AA.
 DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A96.
 PN WO2003042661-A2.
 PD 22-MAY-2003.
 PA (BOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 14.1%; Score 191; DB 7; Length 345;

Best Local Similarity 27.5%; Pred. No. 6.2e-07;
 RESULT 1207
 ID ADN39551 standard; protein; 345 AA.
 DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A151.
 PN WO2003042661-A2.
 PD 22-MAY-2003.
 PA (BOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 14.1%; Score 191; DB 7; Length 345;
 Best Local Similarity 27.5%; Pred. No. 6.2e-07;
 RESULT 1208
 ID ADN39438 standard; protein; 345 AA.
 DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A38.
 PN WO2003042661-A2.
 PD 22-MAY-2003.
 PA (BOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 14.1%; Score 191; DB 7; Length 345;
 Best Local Similarity 27.5%; Pred. No. 6.2e-07;
 RESULT 1209
 ID ABP51279 standard; protein; 354 AA.
 DE Human MDDT SEQ ID NO 301.
 PN WO200240715-A2.
 PD 23-MAY-2002.
 PA (INCY-) INCYTE GENOMICS INC.
 Query Match 14.1%; Score 191; DB 5; Length 354;
 Best Local Similarity 27.5%; Pred. No. 6.4e-07;
 RESULT 1210
 ID AAB62392 standard; protein; 161 AA.
 DE Human LDL receptor family protein (LDLPL).
 PN WO200127274-A1.
 PD 19-APR-2001.
 PA (LEXI-) LEXICON GENETICS INC.
 Query Match 14.0%; Score 190; DB 4; Length 161;
 Best Local Similarity 33.3%; Pred. No. 3.1e-07;
 RESULT 1211
 ID AAU81044 standard; protein; 119 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #13.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 14.0%; Score 189; DB 5; Length 119;
 Best Local Similarity 33.1%; Pred. No. 2.6e-07;
 RESULT 1212
 ID AAB23083 standard; protein; 855 AA.
 DE Epithin protein.
 PN WO200203787-A2.
 PD 17-JAN-2002.
 PA (DELT-) DELTAGEN INC.
 Query Match 13.9%; Score 188.5; DB 5; Length 855;
 Best Local Similarity 36.7%; Pred. No. 2.9e-06;
 RESULT 1213
 ID ADI16819 standard; protein; 855 AA.
 DE Murine NOVX protein homologue SeqID 355.
 PN WO200268649-A2.
 PD 06-SEP-2002.
 PA (CURA-) CURAGEN CORP.
 Query Match 13.9%; Score 188.5; DB 5; Length 855;
 Best Local Similarity 36.7%; Pred. No. 2.9e-06;
 RESULT 1214
 ID ADI16877 standard; protein; 855 AA.
 DE Murine NOVX protein homologue SeqID 413.
 PN WO200268649-A2.
 PD 06-SEP-2002.
 PA (CURA-) CURAGEN CORP.
 Query Match 13.9%; Score 188.5; DB 5; Length 855;
 Best Local Similarity 36.7%; Pred. No. 2.9e-06;
 RESULT 1215
 ID AAB98507 standard; protein; 902 AA.
 DE Murine epithin.
 PN WO200129056-A1.
 PD 26-APR-2001.
 PA (UYAR-) UNIV ARKANSAS.
 Query Match 13.9%; Score 188.5; DB 4; Length 902;
 Best Local Similarity 36.7%; Pred. No. 3e-06;

RESULT 1216
ID AAU80517 standard; protein; 902 AA.
DE Mouse epithelin-like serine protease.
PN WO200196378-A2.
PD 20-DEC-2001.
PA (FARB) BAYER AG.
Query Match 13.9%; Score 188.5; DB 5; Length 902;
Best Local Similarity 36.7%; Pred. No. 3e-06;
RESULT 1217
ID AAU77549 standard; protein; 902 AA.
DE Murine type II membrane serine protease, epithin.
PN WO200212461-A2.
PD 14-FEB-2002.
PA (FARB) BAYER AG.
Query Match 13.9%; Score 188.5; DB 5; Length 902;
Best Local Similarity 36.7%; Pred. No. 3e-06;
RESULT 1218
ID ADQ67668 standard; protein; 572 AA.
DE Novel human protein sequence #2334.
PN EP1440981-A2.
PD 28-JUL-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 13.8%; Score 187.5; DB 8; Length 572;
Best Local Similarity 38.1%; Pred. No. 2.1e-06;
RESULT 1219
ID AAE38322 standard; protein; 648 AA.
DE Human membrane-like serine protease (MLSP) protein #4.
PN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG.
Query Match 13.8%; Score 187.5; DB 7; Length 648;
Best Local Similarity 38.1%; Pred. No. 2.5e-06;
RESULT 1220
ID AAE38320 standard; protein; 693 AA.
DE Human membrane-like serine protease (MLSP) protein #2.
PN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG.
Query Match 13.8%; Score 187.5; DB 7; Length 693;
Best Local Similarity 38.1%; Pred. No. 2.7e-06;
RESULT 1221
ID AAE38321 standard; protein; 706 AA.
DE Human membrane-like serine protease (MLSP) protein #3.
PN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG.
Query Match 13.8%; Score 187.5; DB 7; Length 706;
Best Local Similarity 38.1%; Pred. No. 2.7e-06;
RESULT 1222
ID AAU77552 standard; protein; 843 AA.
DE Hman membrane-type serine protease.
PN WO200212461-A2.
PD 14-FEB-2002.
PA (FARB) BAYER AG.
Query Match 13.8%; Score 187.5; DB 5; Length 843;
Best Local Similarity 38.1%; Pred. No. 3.4e-06;
RESULT 1223
ID AAE38319 standard; protein; 843 AA.
DE Human membrane-like serine protease (MLSP) protein #1.
PN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG.
Query Match 13.8%; Score 187.5; DB 7; Length 843;
Best Local Similarity 38.1%; Pred. No. 3.4e-06;
RESULT 1224
ID AAU82750 standard; protein; 850 AA.
DE Amino acid sequence of novel human protease #49.
PN WO200200860-A2.
PD 03-JAN-2002.
PA (SUGS-) SUGEN INC.
Query Match 13.8%; Score 187.5; DB 5; Length 850;
Best Local Similarity 38.1%; Pred. No. 3.4e-06;
RESULT 1225
ID ADT49842 standard; protein; 355 AA.
DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:49.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 13.8%; Score 187; DB 8; Length 355;
Best Local Similarity 26.9%; Pred. No. 1.3e-06;
RESULT 1226
ID ABG04531 standard; protein; 409 AA.
DE Novel human diagnostic protein #4522.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 13.8%; Score 186.5; DB 4; Length 409;
Best Local Similarity 33.9%; Pred. No. 1.7e-06;
RESULT 1227
ID ABB61031 standard; protein; 1612 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9885.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 13.8%; Score 186.5; DB 4; Length 1612;
Best Local Similarity 25.1%; Pred. No. 8.7e-06;
RESULT 1228
ID ADE47700 standard; protein; 1006 AA.
DE Human NOV20a protein SEQ ID NO:62.
PN WO2003076642-A2.
PD 18-SEP-2003.
PA (CURA-) CURAGEN CORP.
Query Match 13.7%; Score 186; DB 7; Length 1006;
Best Local Similarity 30.6%; Pred. No. 5.5e-06;
RESULT 1229
ID ADJ78970 standard; protein; 1006 AA.
DE Human NOVX protein Nov20A amino acid sequence.
PN US2004014053-A1.
PD 22-JAN-2004.
PA (ZERH/) ZERHUSEN B D.
PA (PATT/) PATTURAJAN M.
PA (KEKU/) KEKUDA R.
PA (MILL/) MILLER C E.
PA (RIEG/) RIEGER D K.
PA (PENA/) PENA C E A.
PA (SHIM/) SHIMKETS R A.
PA (LILL/) LI L.
PA (BERG/) BERGHS C.
PA (ZHON/) ZHONG M.
PA (CASM/) CASHMAN S J.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (PADI/) PADIGARU M.
PA (SMIT/) SMITHSON G.
PA (JTWV/) JI W.
PA (GORM/) GORMAN L.
PA (VERN/) VERNET C A M.
PA (LEIT/) LEITE M W.
PA (GUOX/) GUO X S.
PA (ANDE/) ANDERSON D W.
PA (SPYT/) SPYTEK K A.
PA (GERL/) GERLACH V.
PA (BURG/) BURGESS C E.
PA (KHRA/) KHRAMTSOV N V.
PA (ORTT/) ORT T.
PA (ELLE/) ELLERMAN K.
PA (RAST/) RASTELLI L.
PA (AGEE/) AGEE M L.
PA (CHAU/) CHAUDHURI A.
PA (CHAN/) CHANT J S.
PA (DIPI/) DIPIPO V A.
PA (EDIN/) EDINGER S R.
PA (EISE/) EISEN A J.
PA (GANG/) GANGOLLI E A.
PA (GIOT/) GIOT L.
PA (OOIC/) OOI C E.

PA (ROTH/) ROTHENBERG M E.
PA (SPAD/) SPADERNA S K.
PA (HJAL/) HJALT T.
PA (LIUX/) LIU X.
PA (TAUP/) TAUPIER R J.
PA (CATT/) CATTERTON E.
PA (SHEN/) SHENOY S G.
Query Match 13.7%; Score 186; DB 8; Length 1006;
Best Local Similarity 30.6%; Pred. No. 5.5e-06;
RESULT 1230
ID AD49875 standard; protein; 199 AA.
DE Human LRP2(4700) partial sequence/betacellulin antibody SEQ ID NO:82.
PN WO2004082241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 13.6%; Score 184.5; DB 8; Length 199;
Best Local Similarity 32.8%; Pred. No. 1.1e-06;
RESULT 1231
ID ADE54357 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 160.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 13.6%; Score 184.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 5.3e-06;
RESULT 1232
ID ADD46515 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 12196.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 13.6%; Score 184.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 5.3e-06;
RESULT 1233
ID ADD46511 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 12192.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 13.6%; Score 184.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 5.3e-06;
RESULT 1234
ID ADE54353 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 156.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 13.6%; Score 184.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 5.3e-06;
RESULT 1235
ID ADI27176 standard; protein; 770 AA.
DE Rat LRP binding family protein #5.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 13.6%; Score 184.5; DB 8; Length 770;
Best Local Similarity 31.7%; Pred. No. 5.3e-06;
RESULT 1236
ID ADC86801 standard; protein; 1564 AA.
DE Human GPCR protein SEQ ID NO:1254.
PN EF1270724-A2.
PD 02-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO.
Query Match 13.6%; Score 184.5; DB 7; Length 1564;
Best Local Similarity 24.3%; Pred. No. 1.2e-05;
RESULT 1237
ID ABB62641 standard; protein; 787 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 14715.

PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 13.6%; Score 184; DB 4; Length 787;
Best Local Similarity 25.5%; Pred. No. 5.9e-06;
RESULT 1238
ID AAW93311 standard; protein; 688 AA.
DE Human polypeptide, SEQ ID NO: 2821.
PN EF1130094-A2.
PD 05-SEP-2001.
PA (HELI-) HELIX RES INST.
Query Match 13.6%; Score 183.5; DB 4; Length 688;
Best Local Similarity 31.7%; Pred. No. 5.6e-06;
RESULT 1239
ID ADL30788 standard; protein; 688 AA.
DE Human protein encoded by a full length cDNA clone SeqID 2821.
PN EF1396543-A2.
PD 10-MAR-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 13.6%; Score 183.5; DB 8; Length 688;
Best Local Similarity 31.7%; Pred. No. 5.6e-06;
RESULT 1240
ID ADE54355 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 158.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 13.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 6.3e-06;
RESULT 1241
ID ADD46513 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 12194.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 13.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 6.3e-06;
RESULT 1242
ID ADE54359 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 162.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 13.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 6.3e-06;
RESULT 1243
ID ADD46517 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 12198.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 13.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 6.3e-06;
RESULT 1244
ID ADJ69418 standard; protein; 770 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID1224.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 13.8%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 6.3e-06;
RESULT 1245
ID ADI27175 standard; protein; 770 AA.
DE Human LRP binding family protein #9.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 13.6%; Score 183.5; DB 8; Length 770;

Best Local Similarity 31.7%; Pred. No. 6.3e-06;
RESULT 1246
ID ADO39601 standard; protein; 770 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1264.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 13.6%; Score 183.5; DB 8; Length 770;
Best Local Similarity 31.7%; Pred. No. 6.3e-06;
RESULT 1247
ID ADD93395 standard; protein; 785 AA.
DE Human lipid-associated molecule LIPAM-2 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 13.6%; Score 183.5; DB 7; Length 785;
Best Local Similarity 31.7%; Pred. No. 6.5e-06;
RESULT 1248
ID ABG04441 standard; protein; 814 AA.
DE Novel human diagnostic protein #4332.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 13.6%; Score 183.5; DB 4; Length 814;
Best Local Similarity 31.7%; Pred. No. 6.8e-06;
RESULT 1249
ID AAY71080 standard; protein; 575 AA.
DE Murine TANGO 136 partial protein.
PN WO200026227-A1.
PD 11-MAY-2000.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 13.5%; Score 183; DB 3; Length 575;
Best Local Similarity 35.5%; Pred. No. 4.9e-06;
RESULT 1250
ID ADI27187 standard; protein; 713 AA.
DE Mouse LRP binding family protein #22.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 13.5%; Score 183; DB 8; Length 713;
Best Local Similarity 35.5%; Pred. No. 6.4e-06;
RESULT 1251
ID ADI27186 standard; protein; 713 AA.
DE Mouse LRP binding family protein #21.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 13.5%; Score 183; DB 8; Length 713;
Best Local Similarity 35.5%; Pred. No. 6.4e-06;
RESULT 1252
ID AAM47959 standard; protein; 1115 AA.
DE Lymnaea stagnalis GPCR GRL101 precursor protein SEQ ID NO 3.
PN WO200188127-A2.
PD 22-NOV-2001.
PA (FARB-) BAYER AG.
Query Match 13.4%; Score 182; DB 5; Length 1115;
Best Local Similarity 33.9%; Pred. No. 1.3e-05;
RESULT 1253
ID ABR39967 standard; protein; 1115 AA.
DE Human LSLGR polypeptide.
PN WO2003016487-A2.
PD 27-FEB-2003.
PA (STRD-) UNIV LELAND STANFORD JUNIOR.
Query Match 13.4%; Score 182; DB 6; Length 1115;
Best Local Similarity 33.9%; Pred. No. 1.3e-05;
RESULT 1254
ID ABO06461 standard; protein; 1115 AA.
DE Great pond snail G-protein coupled receptor GRL101.
PN US2003027323-A1.
PD 06-FEB-2003.
PA (FEDE-) FEDER J N.
PA (MINT-) MINTIER G.
PA (RAMA-) RAMANATHAN C S.

PA (HAWK/) HAWKEN D R.
Query Match 13.4%; Score 182; DB 6; Length 1115;
Best Local Similarity 33.9%; Pred. No. 1.3e-05;
RESULT 1255
ID ABB62991 standard; protein; 1468 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 15765.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEXE-) PE CORP NY.
Query Match 13.4%; Score 182; DB 4; Length 1468;
Best Local Similarity 28.6%; Pred. No. 1.8e-05;
RESULT 1256
ID ABU56740 standard; protein; 310 AA.
DE Lung cancer-associated polypeptide #333.
PN WO200286443-A2.
PD 31-OCT-2002.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 13.4%; Score 181.5; DB 6; Length 310;
Best Local Similarity 27.0%; Pred. No. 3.2e-06;
RESULT 1257
ID ADN39260 standard; protein; 310 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:578.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 13.4%; Score 181.5; DB 7; Length 310;
Best Local Similarity 27.0%; Pred. No. 3.2e-06;
RESULT 1258
ID ADN22357 standard; protein; 2643 AA.
DE Bacterial polypeptide #5010.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 13.4%; Score 181.5; DB 8; Length 2643;
Best Local Similarity 35.8%; Pred. No. 3.9e-05;
RESULT 1259
ID ADT49840 standard; protein; 261 AA.
DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:47.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE-) TAKEDA CHEM IND LTD.
Query Match 13.4%; Score 181; DB 8; Length 261;
Best Local Similarity 30.6%; Pred. No. 2.8e-06;
RESULT 1260
ID ADT49841 standard; protein; 388 AA.
DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:48.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE-) TAKEDA CHEM IND LTD.
Query Match 13.4%; Score 181; DB 8; Length 388;
Best Local Similarity 30.6%; Pred. No. 4.5e-06;
RESULT 1261
ID ADR08628 standard; protein; 644 AA.
DE Human protein useful for treating neurological disease Seq 2134.
PN EP1447413-A2.
PD 18-AUG-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 13.4%; Score 181; DB 8; Length 644;
Best Local Similarity 35.7%; Pred. No. 8.2e-06;
RESULT 1262
ID ADN11583 standard; protein; 844 AA.
DE Murine CD91 protein fragment SEQ ID NO: 4.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (OYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 13.4%; Score 181; DB 8; Length 844;
Best Local Similarity 24.4%; Pred. No. 1.1e-05;
RESULT 1263

ID ADN11581 standard; protein; 851 AA.
 DE Human CD91 protein fragment SEQ ID NO: 2.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 13.3%; Score 180; DB 8; Length 851;
 Best Local Similarity 25.7%; Pred. No. 1.4e-05;
 RESULT 1264
 ID ADN11582 standard; protein; 896 AA.
 DE Human CD91 protein fragment SEQ ID NO: 3.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 13.3%; Score 180; DB 8; Length 896;
 Best Local Similarity 25.7%; Pred. No. 1.4e-05;
 RESULT 1265
 ID ADN11592 standard; protein; 896 AA.
 DE Human CD91 protein fragment SEQ ID NO: 13.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 13.3%; Score 180; DB 8; Length 896;
 Best Local Similarity 25.7%; Pred. No. 1.4e-05;
 RESULT 1266
 ID ADP21771 standard; protein; 84 AA.
 DE Human CD28 specific LDL receptor A domain protein monomer A7.
 PN WO2004044011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 13.2%; Score 179; DB 8; Length 84;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1267
 ID RAM78716 standard; protein; 790 AA.
 DE Human protein SEQ ID NO 1378.
 PN WO200157190-A2.
 PD 09-AUG-2001.
 PA (HYSE-) HYSEQ INC.
 Query Match 13.1%; Score 178; DB 4; Length 790;
 Best Local Similarity 25.5%; Pred. No. 1.8e-05;
 RESULT 1268
 ID ADT49839 standard; protein; 444 AA.
 DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:46.
 PN WO2004083241-A2.
 PD 30-SEP-2004.
 PA (TAKE-) TAKEDA CHEM IND LTD.
 Query Match 13.1%; Score 177; DB 8; Length 444;
 Best Local Similarity 31.1%; Pred. No. 1.1e-05;
 RESULT 1269
 ID AAG00384 standard; protein; 136 AA.
 DE Human secreted protein, SEQ ID NO: 4465.
 PN EP1033401-A2.
 PD 06-SEP-2000.
 PA (GEST-) GENSET.
 Query Match 13.0%; Score 176.5; DB 3; Length 136;
 Best Local Similarity 30.6%; Pred. No. 3e-06;
 RESULT 1270
 ID AAU81049 standard; protein; 80 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #18.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 13.0%; Score 175.5; DB 5; Length 80;
 Best Local Similarity 32.8%; Pred. No. 2e-06;
 RESULT 1271
 ID ADN96092 standard; protein; 463 AA.
 DE Human NOVX polypeptide #73.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON-) ZHONG M.
 PA (LILL-) LI L.
 (GORM/) GORMAN L.
 (SPYT/) SPYTEK K A.
 (KEKU/) KEKUDA R.
 (TAUP/) TAUPIER R J.
 (ANDE/) ANDERSON D W.
 (VERV/) VERNET C A M.
 (CATT/) CATTERTON E.
 (MILL/) MILLER C E.
 (SHEN/) SHENOY S G.
 (PATT/) PATTURAJAN M.
 (PENA/) PENNA C E A.
 (TCHE/) TCHERNEV V T.
 (PADI/) PADIGARU M.
 (GUSE/) GUSEV V Y.
 (MALY/) MALYANKAR U M.
 (GERL/) GERLACH V.
 (CASM/) CASMAN S J.
 (RIEG/) RIEGER D K.
 (GROS/) GROSSE W M.
 (SMIT/) SMITHSON G.
 (PEYM/) PEYMAN J A.
 (STAR/) STARLING G.
 (ROTH/) ROTHENBERG M E.
 (LARO/) LAROCHELLE W J.
 (SHIM/) SHIMKETS R A.
 (CRAB/) CRABTREE J.
 (RAST/) RASTELLI L.
 (VOSS/) VOSS E Z.
 (BOLD/) BOLDOG F L.
 (EDIN/) EDINGER S R.
 (MILL/) MILLET I.
 (MACD/) MACDOUGALL J R.
 (ELLE/) ELLERMAN K.
 (CHAP/) CHAPOVAL A.
 Query Match 13.0%; Score 175.5; DB 8; Length 463;
 Best Local Similarity 33.1%; Pred. No. 1.5e-05;
 RESULT 1272
 ID ABP56624 standard; protein; 700 AA.
 DE Human WTSP10 protein SEQ ID NO:23.
 PN WO200292841-A2.
 PD 21-NOV-2002.
 PA (CORV-) CORVAS INT INC.
 Query Match 13.0%; Score 175.5; DB 6; Length 700;
 Best Local Similarity 37.3%; Pred. No. 2.5e-05;
 RESULT 1273
 ID ADI10414 standard; protein; 700 AA.
 DE Human cell surface protease #23.
 PN WO200295007-A2.
 PD 28-NOV-2002.
 PA (CORV-) CORVAS INT INC.
 Query Match 13.0%; Score 175.5; DB 7; Length 700;
 Best Local Similarity 37.3%; Pred. No. 2.5e-05;
 RESULT 1274
 ID ADJ46938 standard; protein; 700 AA.
 DE Human transmembrane serine protease (MTSP) polypeptide #12.
 PN US2004001801-A1.
 PD 01-JAN-2004.
 PA (CORV-) CORVAS INT INC.
 Query Match 13.0%; Score 175.5; DB 8; Length 700;
 Best Local Similarity 37.3%; Pred. No. 2.5e-05;
 RESULT 1275
 ID AAU74757 standard; protein; 850 AA.
 DE Human protease PRIS-17 protein sequence.
 PN WO200198468-A2.
 PD 27-DEC-2001.
 PA (INCY-) INCYTE GENOMICS INC.
 Query Match 13.0%; Score 175.5; DB 5; Length 850;
 Best Local Similarity 37.3%; Pred. No. 3.1e-05;
 RESULT 1276
 ID AAB43748 standard; protein; 620 AA.
 DE Human cancer associated protein sequence SEQ ID NO:1193.
 PN WO200055350-A1.

PD 21-SEP-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 12.8%; Score 173.5; DB 3; Length 620;
Best Local Similarity 37.4%; Pred. No. 3.1e-05;
RESULT 1277
ID AAB19551 standard; protein; 683 AA.
DE Human matrixptase (truncated form).
PN WO200053232-A1.
PD 14-SEP-2000.
PA (GEOU) UNIV GEORGETOWN.
Query Match 12.8%; Score 173.5; DB 3; Length 683;
Best Local Similarity 37.4%; Pred. No. 3.5e-05;
RESULT 1278
ID AD116508 standard; protein; 757 AA.
DE Human NOVX protein to treat human pathological conditions SeqID44.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 757;
Best Local Similarity 37.4%; Pred. No. 3.9e-05;
RESULT 1279
ID ADN42162 standard; protein; 757 AA.
DE Human novel proteinNOV 8.
PN US2004033493-A1.
PD 19-FEB-2004.
PA (TCHE/) TCHERNEV V T.
PA (SPYT/) SPYTEK K A.
PA (ZERR/) ZERRHUSEN B D.
PA (PAVT/) PATTURAJAN M.
PA (SHIM/) SHIMKETS R A.
PA (LILL/) LI L.
PA (GANG/) GANGOLLI E A.
PA (PADI/) PADIGARU M.
PA (ANDE/) ANDERSON D W.
PA (RAST/) RASTELLI L.
PA (MILL/) MILLER C E.
PA (GERL/) GERLACH V.
PA (TAUP/) TAUPIER R J.
PA (GUSE/) GUSEV V Y.
PA (COLM/) COLMAN S D.
PA (WOLE/) WOLENC A R.
PA (PENA/) PENNA C E A.
PA (FURT/) FURTAK K.
PA (GROS/) GROSSE W M.
PA (ALSO/) ALSOBROOK J P.
PA (LEPL/) LEFLEY D M.
PA (RIEG/) RIEGER D K.
PA (BURG/) BURGESS C E.
Query Match 12.8%; Score 173.5; DB 8; Length 757;
Best Local Similarity 37.4%; Pred. No. 3.9e-05;
RESULT 1280
ID AAY90284 standard; protein; 762 AA.
DE Human peptidase, HPEP-1 protein sequence.
PN WO200042201-A2.
PD 20-JUL-2000.
PA (INCY-) INCYTE PHARM INC.
Query Match 12.8%; Score 173.5; DB 3; Length 762;
Best Local Similarity 37.4%; Pred. No. 4e-05;
RESULT 1281
ID ADO55145 standard; protein; 853 AA.
DE Protein #47 with increased gene expression in renal cell carcinoma.
PN WO2004032842-A2.
PD 22-APR-2004.
PA (VAND-) VAN ANDEL INST.
Query Match 12.8%; Score 173.5; DB 8; Length 853;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1282
ID AAY66671 standard; protein; 855 AA.
DE Tumour antigen derived gene-15 (TADG-15) protein.
PN WO9942120-A1.
PD 26-AUG-1999.
PA (UYAR-) UNIV ARKANSAS.
Query Match 12.8%; Score 173.5; DB 2; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1283
ID AAB19552 standard; protein; 855 AA.
DE Human matrixptase.
PN WO200053232-A1.
PD 14-SEP-2000.
PA (GEOU) UNIV GEORGETOWN.
Query Match 12.8%; Score 173.5; DB 3; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1284
ID AAB35465 standard; protein; 855 AA.
DE Human membrane-type serine protease MT-SPL.
PN WO200123524-A2.
PD 05-APR-2001.
PA (REGC) UNIV CALIFORNIA.
Query Match 12.8%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1285
ID AAB98500 standard; protein; 855 AA.
DE Human TADG-15.
PN WO200129056-A1.
PD 26-APR-2001.
PA (UYAR-) UNIV ARKANSAS.
Query Match 12.8%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1286
ID AAE06930 standard; protein; 855 AA.
DE Human membrane-type serine protease (MTSP) 1.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1287
ID AAO22929 standard; protein; 855 AA.
DE Type II transmembrane serine protease 1 protein SEQ ID No 2.
PN WO200272786-A2.
PD 19-SEP-2002.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1288
ID AD116816 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 352.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1289
ID AD116884 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 420.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1290
ID AD116818 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 354.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1291
ID AD116882 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 418.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;

RESULT 1292
ID AD116817 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 353.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1293
ID AD116883 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 419.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1294
ID AD116876 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 412.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1295
ID AD116875 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 411.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1296
ID ABP56619 standard; protein; 855 AA.
DE Human membrane-type serine protease MTSP1 protein SEQ ID NO:2.
PN WO200292841-A2.
PD 21-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1297
ID AAO30146 standard; protein; 855 AA.
DE Human membrane-type serine protease MTSP1 protein.
PN WO2003044179-A2.
PD 30-MAY-2003.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1298
ID AAE29820 standard; protein; 855 AA.
DE Human membrane-type serine protease 1 (MTSP1).
PN WO200277267-A2.
PD 03-OCT-2002.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1299
ID AAE29791 standard; protein; 855 AA.
DE Human membrane-type serine protease, MTSP1.
PN WO200277263-A2.
PD 03-OCT-2002.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1300
ID ABP72376 standard; protein; 855 AA.
DE Transmembrane serine protease 1 (MTSP1).
PN WO2003004681-A2.
PD 16-JAN-2003.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1301
ID ADB97551 standard; protein; 855 AA.
DE Human MTSP1, SEQ ID NO:2.
PN WO2003031585-A2.
PD 17-APR-2003.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1302
ID AD110371 standard; protein; 855 AA.
DE Human cell surface protease #1.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1303
ID ADN39867 standard; protein; 855 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:C237.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 12.8%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1304
ID ADG65326 standard; protein; 855 AA.
DE Human MTSP1.
PN WO2003104394-A2.
PD 18-DEC-2003.
PA (DEND-) DENDREON SAN DIEGO LLC.
Query Match 12.8%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1305
ID ADI28861 standard; protein; 855 AA.
DE Human matrilysin (MTSP1) serine protease.
PN WO2004005471-A2.
PD 15-JAN-2004.
PA (DEND-) DENDREON SAN DIEGO LLC.
Query Match 12.8%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1306
ID ADJ46895 standard; protein; 855 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #1.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 12.8%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1307
ID ADN04754 standard; protein; 855 AA.
DE Antiperoxidative protein sequence #558.
PN WO2004028479-A2.
PD 08-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.8%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1308
ID ADP23334 standard; protein; 855 AA.
DE PRO polypeptide SEQ ID NO:428.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 12.8%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1309
ID ADR66721 standard; protein; 863 AA.
DE Human prostatic carcinoma derived protein SEQ ID 233 #3.
PN WO2004076614-A2.
PD 10-SEP-2004.
PA (HINZ/) HINZMANN B.
PA (DAHL/) DAHL E.
PA (ROSE/) ROSENTHAL A.
PA (HERM/) HERMANN K.
PA (PILA/) PILARSKY C.

Query Match 12.8%; Score 173.5; DB 8; Length 863;
Best Local Similarity 37.4%; Pred. No. 4.6e-05;
RESULT 1310
ID ADR66379 standard; protein; 863 AA.
DE Human prostatic carcinoma derived protein SEQ ID 233 #2.
PN WO2004076614-A2.
PD 10-SEP-2004.
PA (HINZ/) HINZMANN B.
PA (DAHL/) DAHL E.
PA (ROSE/) ROSENTHAL A.
PA (HERM/) HERMANN K.
PA (PILA/) PILARSKY C.
Query Match 12.8%; Score 173.5; DB 8; Length 863;
Best Local Similarity 37.4%; Pred. No. 4.6e-05;
RESULT 1311
ID ADP21769 standard; protein; 83 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A4.
PN WO2004040411-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 12.8%; Score 173; DB 8; Length 83;
Best Local Similarity 34.2%; Pred. No. 3.2e-06;
RESULT 1312
ID ABG01306 standard; protein; 320 AA.
DE Novel human diagnostic protein #1297.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.7%; Score 172.5; DB 4; Length 320;
Best Local Similarity 24.7%; Pred. No. 1.7e-05;
RESULT 1313
ID RAM25628 standard; protein; 851 AA.
DE Human protein sequence SEQ ID NO:1143.
PN WO200153455-A2.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.6%; Score 170.5; DB 4; Length 851;
Best Local Similarity 36.6%; Pred. No. 7.8e-05;
RESULT 1314
ID ABB11428 standard; peptide; 851 AA.
DE Human membrane-type Ser Kinase homologue, SEQ ID NO:1798.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.6%; Score 170.5; DB 4; Length 851;
Best Local Similarity 36.8%; Pred. No. 7.8e-05;
RESULT 1315
ID RAM17763 standard; protein; 125 AA.
DE Peptide #4197 encoded by probe for measuring cervical gene expression.
PN WO200157278-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 12.5%; Score 169; DB 4; Length 125;
Best Local Similarity 32.5%; Pred. No. 1.1e-05;
RESULT 1316
ID RAM30275 standard; protein; 125 AA.
DE Peptide #4312 encoded by probe for measuring placental gene expression.
PN WO200157272-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 12.5%; Score 169; DB 4; Length 125;
Best Local Similarity 32.5%; Pred. No. 1.1e-05;
RESULT 1317
ID ABB31573 standard; peptide; 125 AA.
DE Peptide #4224 encoded by breast cell single exon nucleic acid probe.
PN WO200157271-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 12.5%; Score 169; DB 4; Length 125;
Best Local Similarity 32.5%; Pred. No. 1.1e-05;
RESULT 1318
ID ABG51634 standard; peptide; 125 AA.
DE Human liver peptide, SEQ ID No 30282.

PN WO200157273-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 12.5%; Score 169; DB 4; Length 125;
Best Local Similarity 32.5%; Pred. No. 1.1e-05;
RESULT 1319
ID ABB11383 standard; peptide; 134 AA.
DE Human alpha-2-macroglobulin receptor homologue, SEQ ID NO:1753.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.4%; Score 168.5; DB 4; Length 134;
Best Local Similarity 27.2%; Pred. No. 1.3e-05;
RESULT 1320
ID ADI60370 standard; protein; 134 AA.
DE Secreted polypeptide encoded by gene splice variant #6.
PN WO2003025142-A2.
PD 27-MAR-2003.
PA (HYSE-) HYSEQ INC.
Query Match 12.4%; Score 168.5; DB 7; Length 134;
Best Local Similarity 27.2%; Pred. No. 1.3e-05;
RESULT 1321
ID AAM25612 standard; protein; 670 AA.
DE Human protein sequence SEQ ID NO:1127.
PN WO200153455-A2.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.3%; Score 166.5; DB 4; Length 670;
Best Local Similarity 33.6%; Pred. No. 0.00012;
RESULT 1322
ID ABU04133 standard; protein; 670 AA.
DE Human expressed protein tag (EPT) #799.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 12.3%; Score 166.5; DB 6; Length 670;
Best Local Similarity 33.6%; Pred. No. 0.00012;
RESULT 1323
ID ABP43952 standard; protein; 795 AA.
DE Human PRO618.
PN WO200231111-A2.
PD 18-APR-2002.
PA (HYSE-) HYSEQ INC.
Query Match 12.3%; Score 166; DB 5; Length 795;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1324
ID AAY41710 standard; protein; 802 AA.
DE Human PRO618 protein sequence.
PN WO9946281-A2.
PD 16-SEP-1999.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 2; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1325
ID AAB44266 standard; protein; 802 AA.
DE Human PRO618 (UNQ354) protein sequence SEQ ID NO:169.
PN WO200053756-A2.
PD 14-SEP-2000.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 3; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1326
ID AAB24052 standard; protein; 802 AA.
DE Human PRO618 protein sequence SEQ ID NO:24.
PN WO200053754-A1.
PD 14-SEP-2000.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 3; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1327
ID AAU82755 standard; protein; 802 AA.
DE Amino acid sequence of novel human protease #54.
PN WO200200860-A2.

PD 03-JAN-2002.
PA (SUGGE-) SUGEN INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 5; Length 802;
DE ADB73675 standard; protein; 802 AA.
RESULT 1328
ID ABO25212 standard; protein; 802 AA.
DE Novel human secreted and transmembrane protein PRO618.
PN US2003050239-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1329
ID ABU72218 standard; protein; 802 AA.
DE Novel human secreted and transmembrane protein PRO618.
PN US2002192706-A1.
PD 19-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1330
ID ABU84898 standard; protein; 802 AA.
DE Human secreted and transmembrane polypeptide PRO618.
PN US2002177553-A1.
PD 28-NOV-2002.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1331
ID ABU61096 standard; protein; 802 AA.
DE Human PRO618 polypeptide.
PN US2002169284-A1.
PD 14-NOV-2002.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1332
ID ABU80365 standard; protein; 802 AA.
DE Human secreted/transmembrane protein PRO618.
PN US2003004102-A1.
PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1333
ID ADA24708 standard; protein; 802 AA.
DE Novel human secreted and transmembrane protein PRO618.
PN US2003050241-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1334
ID ABO19667 standard; protein; 802 AA.
DE Novel human secreted and transmembrane protein PRO618.
PN US2003050240-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1335
ID ADA12369 standard; protein; 802 AA.
DE Human secreted/transmembrane polypeptide PRO618.
PN US2003055216-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1336
ID ABO19558 standard; protein; 802 AA.
DE Novel human secreted and transmembrane polypeptide #26.
PN US2003049633-A1.
PD 13-MAR-2003.

Query Match
Best Local Similarity 12.3%; Score 166; DB 6; Length 802;
RESULT 1337
ID ADB73675 standard; protein; 802 AA.
DE Human PRO polypeptide #26.
PN US2003045462-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;
RESULT 1338
ID ADB73991 standard; protein; 802 AA.
DE Human PRO polypeptide #26.
PN US2003083248-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;
RESULT 1339
ID ADC43817 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003054986-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;
RESULT 1340
ID ADC61577 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003049684-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;
RESULT 1341
ID ADC63541 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003054405-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;
RESULT 1342
ID ADC66641 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003060406-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;
RESULT 1343
ID ADC68765 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003064407-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;
RESULT 1344
ID ADC62825 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003068648-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;
RESULT 1345
ID ADC67890 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003089178-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.3%; Score 166; DB 7; Length 802;

Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1346
ID ADC41210 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003072745-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1347
ID ADC67265 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003073131-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1348
ID ADC62201 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003073624-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1349
ID ADC41834 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003104998-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1350
ID ADE49203 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003096744-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1351
ID ADE35257 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203434-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1352
ID ADE16371 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203435-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1353
ID ADD2986 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203436-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1354
ID ADD72344 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003194781-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1355
ID ADE16995 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203433-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1356
ID ADP47009 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195333-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1357
ID ADG52766 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003216561-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1358
ID ADG60086 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003206915-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1359
ID ADI60846 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003077700-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1360
ID ADE48503 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003104536-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1361
ID ADE89604 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003130181-A1.
PD 10-JUL-2003.
PA (ASHK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOVERS L.
PA (EATO/) EATON D L.
PA (FERK/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERP/) GERITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPL/) NAPLIER M A.
PA (PANG/) PAN J.

PA (PAONI/) PAONI N P.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1362
ID ADF61244 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195345-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1363
ID ADF39936 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003198994-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1364
ID ADF45732 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195148-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1365
ID ADF24128 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003204055-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1366
ID ADF40560 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199021-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1367
ID ADF23504 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203402-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1368
ID ADF33487 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003194780-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1369
ID ADF26954 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199436-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1370
ID ADF27590 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199437-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1371
ID ADF41184 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199435-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1372
ID ADF32863 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003211091-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1373
ID ADF25229 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003211092-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1374
ID ADF26330 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199674-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1375
ID ADF34119 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003194410-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1376
ID ADF46356 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195344-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1377
ID ADG50342 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003207803-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1378
ID ADG49718 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003215905-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1379
ID ADG49718 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003215905-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;

ID ADG51590 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003215908-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1380
ID ADG49094 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003216305-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1381
ID ADG48470 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003216560-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1382
ID ADG50966 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004005312-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1383
ID ADG58910 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004005657-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1384
ID ADG62366 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004006219-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1385
ID ADH23391 standard; protein; 802 AA.
DE Human neurotrophin homologue related protein sequence SEQ ID NO:169.
PN EP1386931-A1.
PD 04-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1386
ID ADM17168 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004048332-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1387
ID ADL07002 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004063921-A1.
PD 01-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1388
ID ADT91615 standard; protein; 802 AA.

DE Human PRO618 protein sequence.
PN AU2002317529-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.3%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00017;
RESULT 1389
ID ADN22983 standard; protein; 905 AA.
DE Bacterial polypeptide #5636.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 12.3%; Score 166; DB 8; Length 905;
Best Local Similarity 30.2%; Pred. No. 0.00019;
RESULT 1390
ID ADN22982 standard; protein; 905 AA.
DE Bacterial polypeptide #5635.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 12.3%; Score 166; DB 8; Length 905;
Best Local Similarity 30.2%; Pred. No. 0.00019;
RESULT 1391
ID ABR41132 standard; protein; 1564 AA.
DE Mouse LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 12.3%; Score 166; DB 6; Length 1564;
Best Local Similarity 31.0%; Pred. No. 0.00036;
RESULT 1392
ID ADB98799 standard; protein; 1564 AA.
DE Mouse Zmax1(LRP5).
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 12.3%; Score 166; DB 7; Length 1564;
Best Local Similarity 31.0%; Pred. No. 0.00036;
RESULT 1393
ID ABB71833 standard; protein; 286 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 42291.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 12.2%; Score 165.5; DB 4; Length 286;
Best Local Similarity 30.0%; Pred. No. 5.5e-05;
RESULT 1394
ID ADH80870 standard; protein; 861 AA.
DE Human polypeptide #187.
PN US2003232054-A1.
PD 18-DEC-2003.
PA (TANG/) TANG Y T.
PA (LIUC/) LIU C.
PA (ASUN/) ASUNDI V.
PA (CHEN/) CHEN R.
PA (QIAN/) QIAN X B.
PA (WANG/) WANG Z W.
PA (WEHR/) WEHRMAN T.
PA (ZHAN/) ZHANG J.
PA (ZHOU/) ZHOU P.
PA (CAOY/) CAO Y.
PA (DRMA/) DRMANAC R T.
Query Match 12.2%; Score 165; DB 8; Length 861;

Best Local Similarity 32.2%; Pred. No. 0.00022;
RESULT 1395
ID AAE06934 standard; protein; 658 AA.
DE Human membrane-type serine protease (MTSP) 4-S splice variant.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 12.1%; Score 164.5; DB 4; Length 658;
Best Local Similarity 36.0%; Pred. No. 0.00017;
RESULT 1396
ID ADI10379 standard; protein; 658 AA.
DE Human cell surface protease #5.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 12.1%; Score 164.5; DB 7; Length 658;
Best Local Similarity 36.0%; Pred. No. 0.00017;
RESULT 1397
ID ADJ46903 standard; protein; 658 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #5.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 12.1%; Score 164.5; DB 8; Length 658;
Best Local Similarity 36.0%; Pred. No. 0.00017;
RESULT 1398
ID AAE06933 standard; protein; 802 AA.
DE Human membrane-type serine protease (MTSP) 4-L splice variant.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 12.1%; Score 164.5; DB 4; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00022;
RESULT 1399
ID ADI10377 standard; protein; 802 AA.
DE Human cell surface protease #4.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 12.1%; Score 164.5; DB 7; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00022;
RESULT 1400
ID ADJ46901 standard; protein; 802 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #4.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 12.1%; Score 164.5; DB 8; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00022;
RESULT 1401
ID ADI16879 standard; protein; 845 AA.
DE African clawed frog NOVX protein homologue SeqID 415.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.1%; Score 164.5; DB 5; Length 845;
Best Local Similarity 30.8%; Pred. No. 0.00023;
RESULT 1402
ID ABO01359 standard; protein; 463 AA.
DE Human protein NOV31k.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00017;
RESULT 1403
ID ABO01361 standard; protein; 463 AA.
DE Human protein NOV31m.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00017;
RESULT 1404
ID ABO01356 standard; protein; 463 AA.
DE Human protein NOV31h.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00017;
RESULT 1405
ID ABO01357 standard; protein; 463 AA.
DE Human protein NOV31i.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00017;
RESULT 1406
ID ABO01358 standard; protein; 463 AA.
DE Human protein NOV31j.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00017;
RESULT 1407
ID ABO01360 standard; protein; 463 AA.
DE Human protein NOV31l.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00017;
RESULT 1408
ID ADN96094 standard; protein; 463 AA.
DE Human NOVX polypeptide #74.
PN US2004087490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.

PA (CHAP/) CHAPOVAL A. 12.0%; Score 162.5; DB 8; Length 463;
Query Match
Best Local Similarity 32.2%; Pred. No. 0.00017;
RESULT 1409
ID ADN96088 standard; protein; 463 AA.
DE Human NOVX polypeptide #71.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PENA/) PENA C E A.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALT/) MALTBY J R.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLER I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match
Best Local Similarity 12.0%; Score 162.5; DB 8; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00017;
RESULT 1411
ID ABO84697 standard; protein; 672 AA.
DE Human cancer-associated protein HP21-017.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match
Best Local Similarity 12.0%; Score 162.5; DB 8; Length 672;
Best Local Similarity 32.2%; Pred. No. 0.00026;
RESULT 1412
ID ADN96076 standard; protein; 780 AA.
DE Human NOVX polypeptide #65.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHER/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALT/) MALTBY J R.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLER I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match
Best Local Similarity 12.0%; Score 162.5; DB 8; Length 780;
Best Local Similarity 32.2%; Pred. No. 0.00031;
RESULT 1413
ID ABO01353 standard; protein; 837 AA.
DE Human protein NOV31e.

PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 837;
Best Local Similarity 32.2%; Pred. No. 0.00033;
RESULT 1414
ID ADN96078 standard; protein; 837 AA.
DE Human NOVX polypeptide #66.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 12.0%; Score 162.5; DB 8; Length 837;
Best Local Similarity 32.2%; Pred. No. 0.00033;
RESULT 1415
ID AAB70544 standard; protein; 840 AA.
DE Human PRO14 protein sequence SEQ ID NO:28.
PN WO200110902-A2.
PD 15-FEB-2001.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 4; Length 840;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1416
ID ABO01352 standard; protein; 840 AA.
DE Human protein NOV31d.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 840;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1417
ID ABO01349 standard; protein; 840 AA.
DE Human protein NOV31a.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 840;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1418
ID ABO01364 standard; protein; 840 AA.
DE Human protein NOV31p.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 840;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1419
ID ADN96070 standard; protein; 840 AA.
DE Human NOVX polypeptide #62.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 12.0%; Score 162.5; DB 8; Length 840;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1420
ID ABO01363 standard; protein; 858 AA.
DE Human protein NOV31o.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 858;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1421
ID AAY02381 standard; protein; 859 AA.
DE Polypeptide identified by the signal sequence trap method.
PN WO9918126-A1.
PD 15-APR-1999.
PA (ONOV) ONO PHARM CO LTD.
Query Match 12.0%; Score 162.5; DB 2; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1422
ID AAB42317 standard; protein; 859 AA.
DE Human ORFX ORF2081 polypeptide sequence SEQ ID NO:4162.
PN WO200058473-A2.
PD 05-OCT-2000.

PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 3; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1423
ID AAM24052 standard; protein; 859 AA.
DE Human EST encoded protein SEQ ID NO: 1577.
PN WO200154477-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.0%; Score 162.5; DB 4; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1424
ID AAU14552 standard; protein; 859 AA.
DE Human novel protein #423.
PN WO200155437-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.0%; Score 162.5; DB 4; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1425
ID AAU14316 standard; protein; 859 AA.
DE Human novel protein #187.
PN WO200155437-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.0%; Score 162.5; DB 4; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1426
ID ABO01355 standard; protein; 859 AA.
DE Human protein NOV31g.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 162.5; DB 6; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1427
ID ADN96082 standard; protein; 859 AA.
DE Human NOVX polypeptide #68.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKODA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASW/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LABOCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 12.0%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1428
ID ADO20151 standard; protein; 859 AA.
DE Human PRO polypeptide #530.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH/) GENENTECH INC.
Query Match 12.0%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1429
ID ABO84698 standard; protein; 859 AA.
DE Human cancer-associated protein HP21-017.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 12.0%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1430
ID ADP25177 standard; protein; 859 AA.
DE PRO polypeptide SEQ ID NO:2355.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH/) GENENTECH INC.
Query Match 12.0%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1431
ID ADP24064 standard; protein; 859 AA.
DE PRO polypeptide SEQ ID NO:1242.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH/) GENENTECH INC.
Query Match 12.0%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00034;
RESULT 1432
ID ABB11898 standard; peptide; 883 AA.
DE Human S77 protein homologue, SEQ ID NO:2268.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.0%; Score 162.5; DB 4; Length 883;
Best Local Similarity 32.2%; Pred. No. 0.00036;
RESULT 1433
ID AAO20441 standard; protein; 894 AA.
DE Protein of the human cancer suppressor gene 98.
PN CN1328030-A.
PD 26-DEC-2001.
PA (BODE-) BODE GENE DEV CO LTD SHANGHAI.
Query Match 12.0%; Score 162.5; DB 5; Length 894;
Best Local Similarity 32.2%; Pred. No. 0.00036;
RESULT 1434
ID ADN96100 standard; protein; 840 AA.
DE Human NOVX polypeptide #77.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKODA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHE/) TCHERNEV V T.

PA (PADI//) PADIGARU M.
 PA (GUSE//) GUSEV V Y.
 PA (MALY//) MALYANKAR U M.
 PA (BURG//) BURGESS C E.
 PA (GERL//) GERLACH V.
 PA (GERL//) GERLACH V.
 PA (CASM//) CASMAN S J.
 PA (RIEG//) RIEGER D K.
 PA (GROS//) GROSSE W M.
 PA (SMIT//) SMITHSON G.
 PA (PEYM//) PEYMAN J A.
 PA (STAR//) STARLING G.
 PA (ROTH//) ROTHENBERG M E.
 PA (LARO//) LAROCHELLE W J.
 PA (SHIM//) SHIMKETS R A.
 PA (CRAB//) CRABTREE J.
 PA (RAST//) RASTELLI L.
 PA (VOSS//) VOSS E Z.
 PA (BOLD//) BOLDOG F L.
 PA (EDIN//) EDINGER S R.
 PA (MILL//) MILLET I.
 PA (MACD//) MACDOUGALL J R.
 PA (ELLE//) ELLERMAN K.
 PA (CHAP//) CHAPOVAL A.
 Query Match
 Best Local Similarity 12.0%; Score 162; DB 8; Length 840;
 Pred. No. 0.00037;
 RESULT 1435
 ID AAU81054 standard; protein; 86 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #23.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match
 Best Local Similarity 11.9%; Score 161.5; DB 5; Length 86;
 Pred. No. 2.8e-05;
 RESULT 1436
 ID ABO01362 standard; protein; 463 AA.
 DE Human protein NOV31n.
 PN WO2003023008-A2.
 PD 20-MAR-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match
 Best Local Similarity 11.9%; Score 161.5; DB 6; Length 463;
 Pred. No. 0.0002;
 RESULT 1437
 ID ADN96090 standard; protein; 463 AA.
 DE Human NOVX polypeptide #72.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON//) ZHONG M.
 PA (LILL//) LI L.
 PA (GORM//) GORMAN L.
 PA (SPYT//) SPYTEK K A.
 PA (KEKU//) KERUDA R.
 PA (TAUP//) TAUPIER R J.
 PA (ANDE//) ANDERSON D W.
 PA (VERN//) VERNET C A M.
 PA (CATT//) CATTERTON E.
 PA (MILL//) MILLER C E.
 PA (SHEN//) SHENOY S G.
 PA (PATT//) PATTURAJAN M.
 PA (PENA//) PENA C E A.
 PA (TCHE//) TCHERNEV V T.
 PA (GUSE//) GUSEV V Y.
 PA (MALY//) MALYANKAR U M.
 PA (BURG//) BURGESS C E.
 PA (CASM//) CASMAN S J.
 PA (RIEG//) RIEGER D K.
 PA (GROS//) GROSSE W M.
 PA (SMIT//) SMITHSON G.
 PA (PEYM//) PEYMAN J A.
 PA (STAR//) STARLING G.
 PA (ROTH//) ROTHENBERG M E.
 PA (LARO//) LAROCHELLE W J.
 PA (SHIM//) SHIMKETS R A.
 PA (CRAB//) CRABTREE J.
 PA (RAST//) RASTELLI L.
 PA (VOSS//) VOSS E Z.
 PA (BOLD//) BOLDOG F L.
 PA (EDIN//) EDINGER S R.
 PA (MILL//) MILLET I.
 PA (MACD//) MACDOUGALL J R.
 PA (ELLE//) ELLERMAN K.
 PA (CHAP//) CHAPOVAL A.
 Query Match
 Best Local Similarity 11.9%; Score 161.5; DB 8; Length 463;
 Pred. No. 0.0002;
 RESULT 1438
 ID ADN96096 standard; protein; 463 AA.
 DE Human NOVX polypeptide #75.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON//) ZHONG M.
 PA (LILL//) LI L.
 PA (GORM//) GORMAN L.
 PA (SPYT//) SPYTEK K A.
 PA (KEKU//) KERUDA R.
 PA (TAUP//) TAUPIER R J.
 PA (ANDE//) ANDERSON D W.
 PA (VERN//) VERNET C A M.
 PA (CATT//) CATTERTON E.
 PA (MILL//) MILLER C E.
 PA (SHEN//) SHENOY S G.
 PA (PATT//) PATTURAJAN M.
 PA (PENA//) PENA C E A.
 PA (TCHE//) TCHERNEV V T.
 PA (GUSE//) GUSEV V Y.
 PA (MALY//) MALYANKAR U M.
 PA (BURG//) BURGESS C E.
 PA (CASM//) CASMAN S J.
 PA (RIEG//) RIEGER D K.
 PA (GROS//) GROSSE W M.
 PA (SMIT//) SMITHSON G.
 PA (PEYM//) PEYMAN J A.
 PA (STAR//) STARLING G.
 PA (ROTH//) ROTHENBERG M E.
 PA (LARO//) LAROCHELLE W J.
 PA (SHIM//) SHIMKETS R A.
 PA (CRAB//) CRABTREE J.
 PA (RAST//) RASTELLI L.
 PA (VOSS//) VOSS E Z.
 PA (BOLD//) BOLDOG F L.
 PA (EDIN//) EDINGER S R.
 PA (MILL//) MILLET I.
 PA (MACD//) MACDOUGALL J R.
 PA (ELLE//) ELLERMAN K.
 PA (CHAP//) CHAPOVAL A.
 Query Match
 Best Local Similarity 11.9%; Score 161.5; DB 8; Length 463;
 Pred. No. 0.0002;
 RESULT 1439
 ID ABO84696 standard; protein; 671 AA.
 DE Mouse cancer-associated protein MP21-017.1.
 PN WO2004074320-A2.
 PD 02-SEP-2004.
 PA (SAGR-) SAGRES DISCOVERY INC.
 Query Match
 Best Local Similarity 11.9%; Score 160.5; DB 8; Length 671;
 Pred. No. 0.00037;
 RESULT 1440
 ID AAU81064 standard; protein; 81 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #33.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match
 Best Local Similarity 11.8%; Score 159.5; DB 5; Length 81;
 Pred. No. 3.8e-05;
 RESULT 1441

ID ABB70439 standard; protein; 123 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 38109.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 11.6%; Score 157.5; DB 4; Length 123;
Best Local Similarity 29.2%; Pred. No. 8.9e-05;
RESULT 1442
ID AAU81033 standard; protein; 86 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #2.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 11.6%; Score 156.5; DB 5; Length 86;
Best Local Similarity 31.8%; Pred. No. 7.1e-05;
RESULT 1443
ID AAU81046 standard; protein; 108 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #15.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 11.4%; Score 155; DB 5; Length 108;
Best Local Similarity 30.3%; Pred. No. 0.00012;
RESULT 1444
ID ADN96074 standard; protein; 430 AA.
DE Human NOVX polypeptide #64.
PN US2004087490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R. A.
PA (TAUP/) TAUPIER R J.
PA (ANDR/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALI/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASW/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOGF F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 11.4%; Score 155; DB 8; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.00061;
RESULT 1445
ID AAU81043 standard; protein; 80 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #12.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.

Query Match 11.4%; Score 154; DB 5; Length 80;
Best Local Similarity 28.8%; Pred. No. 0.0001;
RESULT 1446
ID ABG21442 standard; protein; 932 AA.
DE Novel human diagnostic protein #21433.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 11.4%; Score 154; DB 4; Length 932;
Best Local Similarity 33.1%; Pred. No. 0.0018;
RESULT 1447
ID AAM19029 standard; protein; 79 AA.
DE Peptide #5463 encoded by probe for measuring cervical gene expression.
PN WO200157278-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.3%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00011;
RESULT 1448
ID ABB38235 standard; peptide; 79 AA.
DE Peptide #5741 encoded by human foetal liver single exon probe.
PN WO200157277-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.3%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00011;
RESULT 1449
ID AAM31668 standard; protein; 79 AA.
DE Peptide #5705 encoded by probe for measuring placental gene expression.
PN WO200157272-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.3%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00011;
RESULT 1450
ID ABB23413 standard; protein; 79 AA.
DE Protein #5412 encoded by probe for measuring heart cell gene expression.
PN WO200157274-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.3%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00011;
RESULT 1451
ID ABG53088 standard; peptide; 79 AA.
DE Human liver peptide, SEQ ID NO 31736.
PN WO200157273-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.3%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00011;
RESULT 1452
ID ABG41186 standard; peptide; 79 AA.
DE Human peptide encoded by genome-derived single exon probe SEQ ID 30851.
PN WO200186003-A2.
PD 15-NOV-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.3%; Score 153.5; DB 5; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00011;
RESULT 1453
ID ADN96086 standard; protein; 463 AA.
DE Human NOVX polypeptide #70.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDR/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.

PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRASTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 11.3%; Score 153.5; DB 8; Length 463;
Best Local Similarity 31.4%; Pred. No. 0.00088;
RESULT 1454
ID AAU81051 standard; protein; 68 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #20.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 11.2%; Score 152; DB 5; Length 68;
Best Local Similarity 30.2%; Pred. No. 0.00012;
RESULT 1455
ID ABR43309 standard; protein; 376 AA.
DE Human lipid-associated molecule LIPAM-14 protein SEQ ID NO:14.
PN WO2003025150-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 11.2%; Score 152; DB 6; Length 376;
Best Local Similarity 27.8%; Pred. No. 0.00091;
RESULT 1456
ID ADS10475 standard; protein; 192 AA.
DE Human therapeutic protein - SEQ ID 712.
PN WO2004080148-A2.
PD 23-SEP-2004.
PA (NUVE-) NUVELO INC.
Query Match 11.2%; Score 151; DB 8; Length 192;
Best Local Similarity 25.4%; Pred. No. 0.0005;
RESULT 1457
ID AAU00398 standard; protein; 430 AA.
DE Human secreted protein, POLY10.
PN WO200119856-A2.
PD 22-MAR-2001.
PA (CURA-) CURAGEN CORP.
Query Match 11.2%; Score 151; DB 4; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.0013;
RESULT 1458
ID ABO01351 standard; protein; 430 AA.
DE Human protein NOV31c.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 11.2%; Score 151; DB 6; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.0013;
RESULT 1459
ID ADH89022 standard; protein; 430 AA.
DE Human POLIX polypeptide #10.
PN US2003198958-A1.
PD 23-OCT-2003.
PA (SHIM/) SHIMKETS R A.
PA (FERN/) FERNANDES E.
PA (HERR/) HERRMANN J L.
PA (LIUX/) LIU X.
PA (YANG/) YANG M.
PA (BOLD/) BOLDOG F L.
PA (SMIT/) SMITHSON G.
PA (RAST/) RASTELLI L.
Query Match 11.2%; Score 151; DB 8; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.0013;
RESULT 1460
ID AAB70545 standard; protein; 449 AA.
DE Human PRO15 protein sequence SEQ ID NO:30.
PN WO200110902-A2.
PD 15-FEB-2001.
PA (CURA-) CURAGEN CORP.
Query Match 11.2%; Score 151; DB 4; Length 449;
Best Local Similarity 29.2%; Pred. No. 0.0013;
RESULT 1461
ID ABO01350 standard; protein; 449 AA.
DE Human protein NOV31b.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 11.2%; Score 151; DB 6; Length 449;
Best Local Similarity 29.2%; Pred. No. 0.0013;
RESULT 1462
ID ADN96072 standard; protein; 449 AA.
DE Human NOVX polypeptide #63.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRASTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 11.2%; Score 151; DB 8; Length 449;
Best Local Similarity 29.2%; Pred. No. 0.0013;
RESULT 1463
ID ABO01354 standard; protein; 469 AA.

DE Human protein NOV31f.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 11.2%; Score 151; DB 6; Length 469;
Best Local Similarity 29.2%; Pred. No. 0.0014;
RESULT 1464
ID ADN96080 standard; protein; 469 AA.
DE Human NOVX polypeptide #67.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LIL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KERU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALX/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDIGER F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 11.2%; Score 151; DB 8; Length 469;
Best Local Similarity 29.2%; Pred. No. 0.0014;
RESULT 1465
ID AAE11928 standard; protein; 639 AA.
DE Human CG168 (or C595) receptor protein #1.
PN WO200179446-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 11.2%; Score 151; DB 4; Length 639;
Best Local Similarity 25.4%; Pred. No. 0.002;
RESULT 1466
ID ABB68573 standard; protein; 417 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 32511.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE/) PE CCRP NY.
Query Match 11.1%; Score 150.5; DB 4; Length 417;
Best Local Similarity 27.3%; Pred. No. 0.0013;
RESULT 1467
ID ADJ37885 standard; protein; 417 AA.
DE D melanogaster minichromosome inheritance-related protein SeqID2.
PN US2003134278-A1.
PD 17-JUL-2003.
PA (KARP/) KARPEN G H.
PA (DOBI/) DOBIE K W.
PA (COOK/) COOK K R.
PA (MURP/) MURPHY T D.
Query Match 11.1%; Score 150.5; DB 7; Length 417;
Best Local Similarity 27.3%; Pred. No. 0.0013;
RESULT 1468
ID ADS96456 standard; protein; 417 AA.
DE Drosophila melanogaster protein, SEQ ID 77.
PN WO2004039999-A2.
PD 13-MAY-2004.
PA (SYGN-) SYNGENTA PARTICIPATIONS AG.
Query Match 11.1%; Score 150.5; DB 8; Length 417;
Best Local Similarity 27.3%; Pred. No. 0.0013;
RESULT 1469
ID AAU28166 standard; protein; 1637 AA.
DE Novel human secretory protein, Seq ID No 335.
PN WO200166689-A2.
PD 13-SEP-2001.
PA (HYSE-) HYSEQ INC.
Query Match 11.1%; Score 150; DB 4; Length 1637;
Best Local Similarity 26.4%; Pred. No. 0.0073;
RESULT 1470
ID ADI16874 standard; protein; 799 AA.
DE Murine NOVX protein homologue SeqID 410.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.0%; Score 148.5; DB 5; Length 799;
Best Local Similarity 34.4%; Pred. No. 0.0042;
RESULT 1471
ID ADI16880 standard; protein; 799 AA.
DE Murine NOVX protein homologue SeqID 416.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.0%; Score 148.5; DB 5; Length 799;
Best Local Similarity 34.4%; Pred. No. 0.0042;
RESULT 1472
ID AAU18139 standard; protein; 179 AA.
DE Novel human uterine motility-association polypeptide #46.
PN WO200155201-A1.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 10.9%; Score 147.5; DB 4; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00087;
RESULT 1473
ID AAU18690 standard; protein; 179 AA.
DE Renal and cardiovascular-associated protein, Seq ID 129.
PN WO200155328-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 10.9%; Score 147.5; DB 4; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00087;
RESULT 1474
ID AAU17055 standard; protein; 179 AA.
DE Human novel secreted protein, SEQ ID 296.
PN WO200155441-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 10.9%; Score 147.5; DB 4; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00087;
RESULT 1475
ID ABB10539 standard; protein; 179 AA.
DE Human cDNA SEQ ID NO: 847.
PN WO200154474-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 10.9%; Score 147.5; DB 4; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00087;
RESULT 1476
ID ABBJ05765 standard; protein; 179 AA.
DE Novel human protein SEQ ID No 115.
PN US2002086330-A1.
PD 04-JUL-2002.

PA (ROSE/) ROSEN C A. 10.9%; Score 147.5; DB 5; Length 179;
PA (RUBE/) RUBEN S M. 33.0%; Pred. No. 0.00087;
PA (BARA/) BARASH S C.
Query Match
Best Local Similarity 10.9%; Score 147.5; DB 5; Length 179;
RESULT 1477
ID ASP67126 standard; protein; 179 AA.
DE Human polypeptide SEQ ID NO 847.
PN US2002090672-A1.
PD 11-JUL-2002.
PA (ROSE/) ROSEN C A. 10.9%; Score 147.5; DB 5; Length 179;
PA (RUBE/) RUBEN S M. 33.0%; Pred. No. 0.00087;
PA (BARA/) BARASH S C.
Query Match
Best Local Similarity 10.9%; Score 147.5; DB 5; Length 179;
RESULT 1478
ID ABU97305 standard; protein; 179 AA.
DE Human polypeptide #47.
PN US2003013649-A1.
PD 16-JAN-2003.
PA (ROSE/) ROSEN C A. 10.9%; Score 147.5; DB 5; Length 179;
PA (RUBE/) RUBEN S M. 33.0%; Pred. No. 0.00087;
PA (BARA/) BARASH S C.
Query Match
Best Local Similarity 10.9%; Score 147.5; DB 6; Length 179;
RESULT 1479
ID AAU16984 standard; protein; 478 AA.
DE Human novel secreted protein, SEQ ID 225.
PN WO200155441-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match
Best Local Similarity 10.9%; Score 147.5; DB 4; Length 478;
RESULT 1480
ID ABB10372 standard; protein; 487 AA.
DE Human cDNA SEQ ID NO: 680.
PN WO200154474-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match
Best Local Similarity 10.9%; Score 147.5; DB 4; Length 487;
RESULT 1481
ID ABP66959 standard; protein; 487 AA.
DE Human polypeptide SEQ ID NO 680.
PN US2002090672-A1.
PD 11-JUL-2002.
PA (ROSE/) ROSEN C A. 10.9%; Score 147.5; DB 5; Length 487;
PA (RUBE/) RUBEN S M. 33.0%; Pred. No. 0.0028;
PA (BARA/) BARASH S C.
Query Match
Best Local Similarity 10.9%; Score 147.5; DB 5; Length 487;
RESULT 1482
ID ABG18412 standard; protein; 165 AA.
DE Novel human diagnostic protein #18403.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match
Best Local Similarity 10.9%; Score 147; DB 4; Length 165;
RESULT 1483
ID ADJ67643 standard; protein; 305 AA.
DE Human ovarian specific polypeptide SEQ ID NO:357.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match
Best Local Similarity 10.7%; Score 145.5; DB 8; Length 305;
RESULT 1484
ID ABB62484 standard; protein; 319 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 14244.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY. 10.5%; Score 142.5; DB 8; Length 645;
Query Match
Best Local Similarity 26.0%; Pred. No. 0.0098;
RESULT 1489

Query Match
Best Local Similarity 10.7%; Score 145.5; DB 4; Length 319;
RESULT 1485
ID ADN96098 standard; protein; 858 AA.
DE Human NOVX polypeptide #76.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M. 10.6%; Score 144; DB 5; Length 82;
PA (LILL/) LI L. 29.7%; Pred. No. 0.00067;
PA (GORM/) GORMAN L. 10.7%; Score 145.5; DB 8; Length 44;
PA (SPYT/) SPYTEK K A. 62.5%; Pred. No. 0.00029;
PA (KEKU/) KEKUDA R. J. 10.7%; Score 145.5; DB 8; Length 858;
PA (TAUP/) TAUFIER R. J. 30.6%; Pred. No. 0.0079;
PA (ANDE/) ANDERSON D W. 10.7%; Score 145.5; DB 8; Length 44;
PA (VERN/) VERNET C A M. 10.6%; Score 144; DB 5; Length 82;
PA (CATT/) CATTERTON E. 29.7%; Pred. No. 0.00067;
PA (MILL/) MILLER C E. 10.7%; Score 145.5; DB 8; Length 44;
PA (SHEN/) SHENOY S G. 62.5%; Pred. No. 0.00029;
PA (PATT/) PATTURAJAN M. 10.7%; Score 145.5; DB 8; Length 858;
PA (PENA/) PENNA C B A. 30.6%; Pred. No. 0.0079;
PA (TCHE/) TCHERNEV V T. 10.7%; Score 145.5; DB 8; Length 44;
PA (PADI/) PADIGARU M. 10.6%; Score 144; DB 5; Length 82;
PA (GUSE/) GUSEV V Y. 29.7%; Pred. No. 0.00067;
PA (MALI/) MALYANKAR U M. 10.7%; Score 145.5; DB 8; Length 44;
PA (BURG/) BURGESS C E. 10.6%; Score 144; DB 5; Length 82;
PA (GERL/) GERLACH V. 29.7%; Pred. No. 0.00067;
PA (CASM/) CASMAN S J. 10.7%; Score 145.5; DB 8; Length 44;
PA (RIEG/) RIEGER D K. 62.5%; Pred. No. 0.00029;
PA (GROS/) GROSSE W M. 10.7%; Score 145.5; DB 8; Length 858;
PA (SMIT/) SMITHSON G. 30.6%; Pred. No. 0.0079;
PA (PEYM/) PEYMAN J A. 10.7%; Score 145.5; DB 8; Length 44;
PA (STAR/) STARLING G. 10.6%; Score 144; DB 5; Length 82;
PA (ROTH/) ROTHENBERG M E. 29.7%; Pred. No. 0.00067;
PA (LARO/) LAROCHELLE W J. 10.7%; Score 145.5; DB 8; Length 44;
PA (SHIM/) SHIMKETS R A. 62.5%; Pred. No. 0.00029;
PA (CRAB/) CRABTREE J. 10.7%; Score 145.5; DB 8; Length 858;
PA (VOSS/) VOSS E Z. 30.6%; Pred. No. 0.0079;
PA (BOLD/) BOLDOG F L. 10.7%; Score 145.5; DB 8; Length 44;
PA (EDIN/) EDINGER S R. 10.6%; Score 144; DB 5; Length 82;
PA (MILL/) MILLET I. 29.7%; Pred. No. 0.00067;
PA (MACD/) MACDOUGALL J R. 10.7%; Score 145.5; DB 8; Length 44;
PA (ELLE/) ELLERMAN K. 10.6%; Score 144; DB 5; Length 82;
PA (CHAP/) CHAPOVAL A. 29.7%; Pred. No. 0.00067;
Query Match
Best Local Similarity 10.7%; Score 145.5; DB 8; Length 858;
RESULT 1486
ID ADP21685 standard; protein; 44 AA.
DE Human monomer TPO-R specific LDL receptor based A domain protein T2.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST. 10.7%; Score 145.5; DB 8; Length 44;
Query Match
Best Local Similarity 10.7%; Score 144.5; DB 8; Length 44;
RESULT 1487
ID AAU81036 standard; protein; 82 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #5.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT. 10.6%; Score 144; DB 5; Length 82;
Query Match
Best Local Similarity 29.7%; Pred. No. 0.00067;
RESULT 1488
ID ABO59517 standard; protein; 645 AA.
DE Human genome derived single exon protein #5751.
PN US2003194704-A1.
PD 16-OCT-2003.
PA (PENN/) PENN S G. 10.7%; Score 145.5; DB 8; Length 305;
PA (RANK/) RANK D R. 22.8%; Pred. No. 0.0024;
PA (HANZ/) HANZEL D K. 10.7%; Score 145.5; DB 8; Length 305;
Query Match
Best Local Similarity 26.0%; Pred. No. 0.0098;
RESULT 1489

ID ADJ69616 standard; protein; 652 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID1422.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
Query Match 10.5%; Score 142.5; DB 7; Length 652;
Best Local Similarity 26.0%; Pred. No. 0.0099;
RESULT 1490
ID ADL91056 standard; protein; 652 AA.
DE Human collectin amino acid sequence SEQ ID NO:42.
PN WO2004024925-A2.
PD 25-MAR-2004.
PA (NATI-) NATIMUNE AS.
Query Match 10.5%; Score 142.5; DB 8; Length 652;
Best Local Similarity 26.0%; Pred. No. 0.0099;
RESULT 1491
ID ADL91018 standard; protein; 652 AA.
DE Human mannose binding lectin amino acid sequence SEQ ID NO:4.
PN WO2004024925-A2.
PD 25-MAR-2004.
PA (NATI-) NATIMUNE AS.
Query Match 10.5%; Score 142.5; DB 8; Length 652;
Best Local Similarity 26.0%; Pred. No. 0.0099;
RESULT 1492
ID ADP21668 standard; protein; 42 AA.
DE Human monomer CD20 specific LDL receptor based A domain protein #2.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 10.5%; Score 142; DB 8; Length 42;
Best Local Similarity 59.5%; Pred. No. 0.00044;
RESULT 1493
ID ADP21680 standard; protein; 42 AA.
DE Human monomer CD20 specific LDL receptor based A domain protein #1.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 10.5%; Score 142; DB 8; Length 42;
Best Local Similarity 59.5%; Pred. No. 0.00044;
RESULT 1494
ID ADP21684 standard; protein; 49 AA.
DE Human monomer TPO-R specific LDL receptor based A domain protein T5.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 10.5%; Score 142; DB 8; Length 49;
Best Local Similarity 50.0%; Pred. No. 0.00053;
RESULT 1495
ID ADP21509 standard; peptide; 36 AA.
DE Human LDL receptor A domain peptide SeqID 85.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 10.4%; Score 141; DB 8; Length 36;
Best Local Similarity 61.1%; Pred. No. 0.00044;
RESULT 1496
ID AAU81060 standard; protein; 42 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #29.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 10.4%; Score 141; DB 5; Length 42;
Best Local Similarity 61.1%; Pred. No. 0.00053;
RESULT 1497
ID AAW49879 standard; protein; 652 AA.
DE Amino acid sequence of human C1qRp.
PN WO9822584-A1.
PD 28-MAY-1998.
PA (REGC-) UNIV CALIFORNIA.
Query Match 10.4%; Score 140.5; DB 2; Length 652;
Best Local Similarity 27.2%; Pred. No. 0.014;
RESULT 1498

ID AAY32345 standard; protein; 652 AA.
DE Human cell surface receptor C1qRp.
PN WO9955839-A1.
PD 04-NOV-1999.
PA (REGC-) UNIV CALIFORNIA.
Query Match 10.4%; Score 140.5; DB 3; Length 652;
Best Local Similarity 27.2%; Pred. No. 0.014;
RESULT 1499
ID ABU03520 standard; protein; 652 AA.
DE Angiogenesis-associated human protein sequence #65.
PN WO200279492-A2.
PD 10-OCT-2002.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 10.4%; Score 140.5; DB 6; Length 652;
Best Local Similarity 27.2%; Pred. No. 0.014;
RESULT 1500
ID ABU56573 standard; protein; 652 AA.
DE Lung cancer-associated polypeptide #166.
PN WO200286443-A2.
PD 31-OCT-2002.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 10.4%; Score 140.5; DB 6; Length 652;
Best Local Similarity 27.2%; Pred. No. 0.014;

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:17:07 ; Search time 84.5262 Seconds

(without alignments)
1387.335 Million cell updates/sec

Title: US-09-904-532b-127_COPY_1_229

Perfect score: 1260

Sequence: 1 MSGGWAQVCAWRTGALGLA.....SVGNATSSAGDSGSPTAY 229

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1612378 seqs, 512079187 residues

Total number of hits satisfying chosen parameters: 1612378

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : UniProt_03.*

1: uniprot_sprot.*

2: uniprot_trembl.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1260	100.0	282	2	Q9NPF0
2	590.5	46.9	260	2	Q8C2Q4
3	590.5	46.9	260	2	Q9Z1P5
4	590.5	46.9	260	2	Q641V7
5	584.5	46.4	260	2	Q9CWC2
6	345	27.4	198	2	Q7TSW0
7	293.5	23.3	996	1	LRP8_MOUSE
8	286.5	22.7	863	1	LDVR_CHICK
9	284.5	22.6	355	2	Q802V2
10	280.5	22.3	873	1	LDVR_HUMAN
11	280	22.2	752	2	Q8NAN7
12	280	22.2	873	2	Q6S4M1
13	278.5	22.1	869	2	Q42126
14	278.5	22.1	1444	2	Q7QGV0
15	277.5	22.0	869	2	Q6NS01
16	277.5	22.0	963	1	LRP8_HUMAN
17	277	22.0	845	2	Q77505
18	275.5	21.9	847	2	Q90W12
19	275	21.8	845	2	Q91YY0
20	275	21.8	873	1	LDVR_MOUSE
21	271	21.5	844	2	Q6Y857
22	271	21.5	844	2	Q7ZTG7
23	271	21.5	873	1	LDVR_RAT
24	271	21.5	891	2	Q7YW57
25	268	21.3	873	1	LDVR_RABIT
26	267	21.2	917	1	LRP8_CHICK
27	261.5	20.8	1081	2	Q8T4N8
28	258	20.5	1156	2	Q963T3
29	258	20.5	5141	2	Q700K0
30	255.5	20.3	4660	1	LRP2_RAT
31	255	20.2	379	2	Q7SKV0

Q8WY29 homo sapien
Q9NZ22 homo sapien
Q7C2X3 gallus
Q07954 homo sapien
Q912X7 mus musculus
Q920Y4 mus musculus
Q81291 mus musculus
Q91118 mus musculus
Q6KDX1 gallus gall
P98157 gallus gall
Q8CG65 mus musculus
Q6LBN5 homo sapien
Q02660 bos taurus
Q8SPM4 bos taurus
Q75096 homo sapien
Q46131 locusta mig
Q04833 caenorhabdi
Q92673 h sortilin-
P98163 drosophila
Q76B61 homo sapien
Q7P835 anopheles g
Q73809 fugu rubrip
Q88307 m sortilin-
Q9W343 drosophila
P98164 homo sapien
Q725C0 homo sapien
Q725C1 homo sapien
Q9VBN0 drosophila
Q6NP66 drosophila
Q96N66 homo sapien
Q8WY30 homo sapien
Q01768 caenorhabdi
Q6X012 solenopsis
Q95209 o sortilin-
Q9VBN1 drosophila
Q6NP71 drosophila
Q7JP81 caenorhabdi
Q9Y0D0 hydra atten
Q9V383 drosophila
Q9NPM0 homo sapien
Q95SN5 drosophila
Q81GR9 drosophila
Q7YU01 drosophila
Q9VBN2 drosophila
Q7PV66 anopheles g
Q9QV66 rattus sp.
Q6QHS3 lytechinus
Q6QHS4 stronglyloce
Q26615 stronglyloce
Q98160 homo sapien
Q9UH51 homo sapien
P01130 homo sapien
P20063 oryctolagus
Q7QK77 oryctolagus g
Q8V156 mus musculus
P79708 chilocyelli
Q99087 xenopus lae
Q44191 caenorhabdi
Q6E0K3 didelphis m
Q9830 g sortilin-
Q9UB94 caenorhabdi
Q9UB95 caenorhabdi
Q9QY21 rattus norv
Q8AYF1 xenopus lae
Q76LU2 rattus norv
Q9UES7 homo sapien
Q6S4M2 macaca mula
Q80YN4 rattus norv
Q8MP02 periplaneta
Q75197 homo sapien
Q7QEK9 anopheles g

105	218.5	17.3	3215	2	Q8IRV7	Q8IRV7 drosophila	178	171	13.6	645	2	Q7PY92	Q7PY92 anopheles g
106	218.5	17.3	417	2	Q8IRV9	Q8IRV9 drosophila	179	171	13.6	663	2	Q6DEV0	Q6DEV0 xenopus tro
107	218.5	17.3	4179	2	Q9W4Y4	Q9W4Y4 drosophila	180	169	13.4	666	2	Q69BL0	Q69BL0 manduca sex
108	218.5	17.3	4228	2	Q8IRV8	Q8IRV8 drosophila	181	168	13.3	92	2	Q708V5	Q708V5 bos taurus
109	217.5	17.3	925	2	Q904B4	Q904B4 caenorhabdi	182	168	13.3	905	2	Q18260	Q18260 caenorhabdi
110	216.5	17.2	811	1	LDLR_PTIG	Q28832 sus scrofa	183	166	13.2	802	2	Q6UXD8	Q6UXD8 homo sapien
111	216	17.1	1113	1	CORI_MOUSE	Q28319 mus musculu	184	166	13.2	811	1	TMS6_HUMAN	Q8IU80 homo sapien
112	216	17.1	3707	1	PGM_MOUSE	Q05793 mus musculu	185	166	13.2	824	2	Q6ICC2	Q6ICC2 homo sapien
113	215.5	17.1	527	2	Q77501	Q77501 oryctolagus	186	166	13.2	867	1	SSPO_BOVIN	Q8167 bos taurus
114	215.5	17.1	862	2	Q8VCT0	Q8VCT0 mus musculu	187	165.5	13.1	250	2	Q21496	Q21496 caenorhabdi
115	215.5	17.1	862	2	Q91ZJ1	Q91ZJ1 mus musculu	188	163.5	13.0	520	2	Q6NPA8	Q6NPA8 drosophila
116	215	17.1	2009	2	Q9VXM0	Q9VXM0 drosophila	189	162.5	12.9	628	2	Q9VER6	Q9VER6 drosophila
117	214.5	17.0	864	1	LDLR_MOUSE	Q35951 mus musculu	190	162.5	12.9	859	1	LR12_HUMAN	Q9Y561 homo sapien
118	214.5	17.0	1661	2	Q77244	Q77244 chlorohydra	191	160.5	12.7	198	2	Q22179	Q22179 caenorhabdi
119	214	17.0	854	1	LDLR_CRIGR	Q35950 cricetus	192	160.5	12.7	701	1	LR12_MACEA	Q9BE74 macaca fasc
120	212	16.8	1280	2	Q6QHS1	Q6QHS1 lytechinus	193	160.5	12.7	858	1	LR12_MOUSE	Q8BUJ9 mus musculu
121	211.5	16.8	892	1	LDL2_XENLA	Q99088 xenopus lae	194	160	12.7	845	2	Q6DGR1	Q9DGR1 xenopus lae
122	208.5	16.5	1613	2	Q8AYF0	Q8AYF0 xenopus lae	195	159	12.6	845	2	Q6GR54	Q6GR54 xenopus lae
123	208	16.5	911	2	Q72ZT0	Q72ZT0 brachydanio	196	158	12.5	208	2	Q7PQE5	Q7PQE5 anopheles g
124	208	16.5	1613	1	LRP6_HUMAN	Q75581 homo sapien	197	157.5	12.5	123	2	Q9W342	Q9W342 drosophila
125	208	16.5	1613	1	LRP6_MOUSE	Q88572 mus musculu	198	157	12.5	304	2	Q24110	Q24110 drosophila
126	208	16.5	2133	2	Q7PQ69	Q7PQ69 anopheles g	199	156.5	12.4	394	2	Q62147	Q62147 caenorhabdi
127	208	16.5	2616	1	NDL_DROME	Q98159 drosophila	200	156	12.4	1283	1	YL54_CABEL	P34434 caenorhabdi
128	207.5	16.5	879	1	LDLR_RAT	Q35952 rattus norv	201	153.5	12.2	380	2	Q6NN57	Q6NN57 drosophila
129	206	16.3	738	2	Q7QK75	Q7QK75 anopheles g	202	152.5	12.1	881	2	Q8WY31	Q8WY31 homo sapien
130	205.5	16.3	826	2	Q86B77	Q86B77 drosophila	203	150.5	11.9	417	2	Q9W4Y3	Q9W4Y3 drosophila
131	205.5	16.3	861	2	Q7Y7Z6	Q7Y7Z6 drosophila	204	150.5	11.9	435	2	Q9NEF8	Q9NEF8 drosophila
132	205	16.3	1847	2	Q76952	Q76952 aedes aegypt	205	149.5	11.9	238	2	Q6XA14	Q6XA14 branchiosto
133	202.5	16.1	548	2	Q21629	Q21629 caenorhabdi	206	149.5	11.9	1801	1	TNR3_HUMAN	Q8WJ2 bombyx mori
134	202.5	16.1	572	2	Q8BIK6	Q8BIK6 mus musculu	207	149	11.8	435	1	TMS6_MOUSE	P36941 homo sapien
135	201	16.0	1042	1	CORI_HUMAN	Q9Y555 homo sapien	208	148.5	11.8	799	2	Q6PF94	Q6PF94 mus musculu
136	200	15.9	352	2	Q86YD5	Q86YD5 homo sapien	209	148.5	11.8	811	1	Q6JBY7	Q6JBY7 gallus gall
137	199.5	15.8	1034	2	Q6QHS2	Q6QHS2 lytechinus	210	146.5	11.6	159	2	Q9V6U6	Q9V6U6 drosophila
138	197	15.6	2447	2	Q9NEF9	Q9NEF9 drosophila	211	146.5	11.6	319	2	Q6JBY8	Q6JBY8 gallus gall
139	197	15.6	4223	2	Q8WPN3	Q8WPN3 drosophila	212	145.5	11.5	122	2	Q6JBY8	Q6JBY8 gallus gall
140	194	15.4	713	1	LR10_HUMAN	Q724F1 homo sapien	213	145	11.3	214	2	Q9DFH4	Q9DFH4 xenopus lae
141	193.5	15.4	855	2	Q9JJ77	Q9JJ77 rattus norv	214	142.5	11.3	215	2	Q7PH69	Q7PH69 anopheles g
142	192.5	15.3	1264	2	Q26632	Q26632 strongyloce	215	142	11.3	1698	2	Q7PV65	Q7PV65 anopheles g
143	191.5	15.2	551	2	Q09967	Q09967 caenorhabdi	216	141	11.2	517	2	Q17496	Q17496 caenorhabdi
144	191	15.2	352	2	Q8CCS0	Q8CCS0 m mus muscu	217	138	11.0	846	2	Q7QF48	Q7QF48 anopheles g
145	190	15.1	345	2	Q8NBJ0	Q8NBJ0 homo sapien	218	137.5	10.9	722	2	Q6NUF5	Q6NUF5 xenopus lae
146	188.5	15.0	855	1	ST14_MOUSE	P56677 mus musculu	219	137.5	10.9	3767	1	MUA3_CABEL	P34576 caenorhabdi
147	188	14.9	331	2	Q8CDR7	Q8CDR7 m mus muscu	220	136.5	10.8	1245	2	Q9Y7V5	Q9Y7V5 trichoderma
148	187.5	14.9	572	2	Q7RTY8	Q7RTY8 homo sapien	221	136	10.8	479	2	Q69HR9	Q69HR9 ciona intes
149	187.5	14.9	1430	2	Q7QJ48	Q7QJ48 anopheles g	222	136	10.8	868	2	Q9Y1V3	Q9Y1V3 polyandroca
150	187	14.8	1859	2	Q7PS28	Q7PS28 anopheles g	223	135	10.7	600	2	Q7ZTR2	Q7ZTR2 xenopus lae
151	185.5	14.7	542	2	Q7PYJ9	Q7PYJ9 anopheles g	224	133.5	10.6	652	1	CD93_HUMAN	Q9NPY3 homo sapien
152	184.5	14.6	770	1	LRP3_RAT	Q88204 rattus norv	225	132.5	10.5	210	2	Q8IR71	Q8IR71 drosophila
153	184	14.6	787	2	Q9VLZ6	Q9VLZ6 drosophila	226	131.5	10.4	752	2	Q93473	Q93473 caenorhabdi
154	183.5	14.6	770	1	LRP3_HUMAN	Q75074 homo sapien	227	130.5	10.4	157	1	RSVR_COTUA	P98162 coturnix co
155	183	14.5	713	1	LR10_MOUSE	Q7TGH7 mus musculu	228	130.5	10.4	195	2	Q9NDT4	Q9NDT4 balanus amp
156	183	14.5	1616	2	Q7KUB3	Q7KUB3 drosophila	229	130	10.3	354	2	Q9XV21	Q9XV21 caenorhabdi
157	183	14.5	1616	2	Q9VSJ0	Q9VSJ0 drosophila	230	130	10.3	584	2	Q73920	Q73920 oncorhynch
158	183	14.5	2389	2	Q6BEQ6	Q6BEQ6 caenorhabdi	231	130	10.3	619	2	Q73921	Q73921 oncorhynch
159	183	14.5	3375	1	UN52_CABEL	Q06561 caenorhabdi	232	129.5	10.3	652	2	Q8IXK1	Q8IXK1 homo sapien
160	182.5	14.5	581	2	Q9XZM7	Q9XZM7 strongyloce	233	129	10.2	300	2	Q84BD4	Q84BD4 myxococcus
161	182	14.4	1115	1	GPCR_LYMTS	P46023 lymaea sta	234	128.5	10.2	767	2	Q864Z4	Q864Z4 bos taurus
162	181.5	14.4	2643	2	Q01552	Q01552 caenorhabdi	235	128	10.2	100	2	Q9DGR2	Q9DGR2 xenopus lae
163	181	14.4	292	2	Q86S50	Q86S50 homo sapien	236	127	10.1	685	2	Q9RTS5	Q9RTS5 bos taurus
164	181	14.4	296	2	Q727K9	Q727K9 homo sapien	237	125.5	10.0	165	2	Q684H5	Q684H5 drosophila
165	181	14.4	439	2	Q6PJ72	Q6PJ72 homo sapien	238	125.5	10.0	934	2	Q7ZIQ5	Q7ZIQ5 xenopus lae
166	181	14.4	1678	2	Q9SV09	Q9SV09 drosophila	239	125	9.9	134	2	Q95QH2	Q95QH2 caenorhabdi
167	181	14.4	1678	2	Q9NHE9	Q9NHE9 drosophila	240	125	9.9	675	1	YMW2_CABEL	P34504 caenorhabdi
168	181	14.4	1678	2	Q9V6Q0	Q9V6Q0 drosophila	241	125	9.9	967	2	Q6BEV9	Q6BEV9 caenorhabdi
169	178	14.1	403	2	Q7PRL9	Q7PRL9 anopheles g	242	124	9.8	1656	2	Q21948	Q21948 caenorhabdi
170	174.5	13.8	498	2	Q6GNE4	Q6GNE4 bombyx mori	243	123.5	9.8	2284	2	Q9VFG1	Q9VFG1 drosophila
171	174.5	13.8	758	2	Q6GNE3	Q6GNE3 bombyx mori	244	123.5	9.8	3133	1	HMCT_BOMMO	P98092 bombyx mori
172	174	13.8	339	2	Q7PUA1	Q7PUA1 anopheles g	245	123	9.8	463	2	Q39496	Q39496 cyllindrothe
173	173.5	13.8	422	2	Q8WVC1	Q8WVC1 homo sapien	246	122	9.7	286	2	O16148	O16148 schistoema
174	173.5	13.8	666	2	Q6VPU8	Q6VPU8 drosophila	247	121.5	9.6	197	2	Q6P8N3	Q6P8N3 mus musculu
175	173.5	13.8	855	1	ST14_HUMAN	Q9Y5Y6 homo sapien	248	121.5	9.6	323	2	Q7QCP4	Q7QCP4 anopheles g
176	173	13.7	280	2	Q7Q630	Q7Q630 anopheles g	249	121	9.6	966	2	Q22378	Q22378 caenorhabdi
177	172	13.7	845	2	Q63ZQ6	Q63ZQ6 xenopus lae	250	121	9.6	2622	2	Q7PSV8	Q7PSV8 anopheles g

251	120.5	9.6	308	2	046370	046370 bos taurus	324	112.5	8.9	955	2	Q96DN2	Q96dn2 homo sapien
252	120.5	9.6	947	2	Q8BKX7	Q8bkx7 mus musculus	325	112.5	8.9	1070	2	Q7R2W4	Q7r2w4 giardia lam
253	120.5	9.6	969	2	Q96KG6	Q96kg6 homo sapien	326	112.5	8.9	1704	2	Q94446	Q94446 chironomus
254	120.5	9.6	1140	2	Q80T91	Q80t91 mus musculus	327	112.5	8.9	3170	2	Q7PN80	Q7pn80 anopheles g
255	120.5	9.6	3396	2	Q9VM55	Q9vm55 drosophila	328	112	8.9	587	1	CO8B ONCMY	Q9n0x85 anorchynchu
256	120	9.5	1024	2	Q8MRZ8	Q8mrz8 drosophila	329	112	8.9	712	2	Q9VGI5	Q9vgi5 drosophila
257	120	9.5	1056	2	Q9W3H0	Q9w3h0 drosophila	330	112	8.9	1063	2	Q7QU10	Q7qu10 giardia lam
258	119.5	9.5	1307	2	Q9VPAL	Q9vpal drosophila	331	112	8.9	1145	2	Q7QHH8	Q7qhh8 anopheles g
259	119	9.4	251	2	Q24774	Q24774 enchytraeus	332	112	8.9	2468	2	Q800E4	Q800e4 brachydanio
260	119	9.4	251	2	Q70LQ4	Q70lq4 enchytraeus	333	112	8.9	23015	2	Q81Q18	Q81q18 drosophila
261	119	9.4	452	2	Q8SX55	Q8sxy5 drosophila	334	111.5	8.8	143	1	MCS_MOUSE	P15265 mus musculus
262	119	9.4	681	2	Q7Q554	Q7q554 anopheles g	335	111.5	8.8	567	2	Q8WUL3	Q8wul3 homo sapien
263	118.5	9.4	613	2	Q03711	Q03711 xenopus lae	336	111.5	8.8	1140	2	Q96KG7	Q96kg7 homo sapien
264	118	9.4	427	1	TR16 HUMAN	P08138 homo sapien	337	111.5	8.8	1140	2	Q68DE5	Q68de5 homo sapien
265	118	9.4	529	2	Q7Z7D2	Q7z7d2 homo sapien	338	111	8.8	469	1	PROP HUMAN	Q27918 homo sapien
266	118	9.4	617	2	Q8J161	Q8j161 triakis scy	339	111	8.8	814	2	Q6ZM78	Q6zm78 homo sapien
267	118	9.4	1961	2	Q6MG89	Q6mg89 rattus norv	340	111	8.8	1551	2	Q9NGV4	Q9ngv4 drosophila
268	118	9.4	2120	1	TECA CHICK	Q9yh85 gallus gall	341	110.5	8.8	200	2	Q6VQP0	Q6vqp0 crassostrea
269	118	9.4	2653	2	Q25253	Q25253 lucilia cup	342	110.5	8.8	579	2	Q96DQ9	Q96dq9 homo sapien
270	117	9.3	360	2	Q86AK7	Q86ak7 dictyosteli	343	110.5	8.8	579	2	Q9BX79	Q9by79 homo sapien
271	117	9.3	515	2	Q6DRU1	Q6drj1 brachydanio	344	117.6	8.8	1176	2	Q6ZWI6	Q6zwi6 homo sapien
272	117	9.3	516	2	Q7T363	Q7t363 brachydanio	345	110.5	8.8	2414	2	Q6DFL6	Q6df16 xenopus lae
273	117	9.3	1208	2	Q80YA8	Q80ya8 mus musculus	346	110	8.7	218	2	Q7XEJ3	Q7xej3 oryza sativ
274	116.5	9.2	626	2	Q8ND91	Q8nd91 homo sapien	347	110	8.7	744	2	Q7Q7D9	Q7q7d9 anopheles g
275	116.5	9.2	1084	2	Q9BP40	Q9bp40 halocynthia	348	110	8.7	921	2	Q969A3	Q969a3 brachiosteo
276	116.5	9.2	1293	2	Q6CAT2	Q6cat2 yarrowia li	349	110	8.7	1035	1	ENTK BOVIN	P98072 bos taurus
277	116	9.2	1569	2	Q6W4X9	Q6w4x9 homo sapien	350	110	8.7	1246	1	RFL3 HUMAN	Q75095 homo sapien
278	116	9.2	1917	2	Q86BV0	Q86bv0 mamestra co	351	110	8.7	1964	1	NTCA_MOUSE	P31695 mus musculus
279	116	9.2	2037	2	Q7QF82	Q7qf82 anopheles g	352	109.5	8.7	384	2	Q9VPC4	Q9vpc4 drosophila
280	115.5	9.2	277	2	Q9XZV1	Q9xzy1 leishmania	353	109.5	8.7	874	2	Q7ZXN7	Q7zxn7 xenopus lae
281	115.5	9.2	1214	2	Q90YD2	Q90yd2 xenopus lae	354	109.5	8.7	903	2	Q44397	Q44397 trichuris t
282	115.5	9.2	1315	2	Q7YJF2	Q7yjf2 mus musculus	355	109.5	8.7	984	2	Q8NH12	Q8nh12 homo sapien
283	115.5	9.2	3014	1	CLR1 HUMAN	Q9nyq6 homo sapien	356	109.5	8.7	1161	2	Q7PSV2	Q7psv2 anopheles g
284	115	9.1	277	1	TNR4 HUMAN	P43489 homo sapien	357	109.5	8.7	2169	2	Q7R3M1	Q7r3m1 giardia lam
285	115	9.1	586	1	CO9_FUGRU	P79755 fugu rubrip	358	109	8.7	299	2	Q8BX64	Q8bx64 mus musculus
286	115	9.1	1379	2	Q9V4N6	Q9v4n6 drosophila	359	109	8.7	344	2	Q8WY52	Q8wy52 homo sapien
287	115	9.1	1397	2	Q7KQ09	Q7kq09 drosophila	360	109	8.7	385	2	Q75R32	Q75r32 aspergillus
288	115	9.1	1428	2	Q44341	Q44341 haliotis ru	361	109	8.7	453	2	Q6ZMC3	Q6zmc3 homo sapien
289	115	9.1	2319	1	NTC3 RAT	Q9r172 rattus norv	362	109	8.7	454	1	TMS3 HUMAN	P57727 homo sapien
290	114.5	9.1	355	2	Q7S6V6	Q7s6v6 neurospora	363	109	8.7	499	2	Q8G7I4	Q8g7i4 mus musculus
291	114.5	9.1	721	2	Q95YG0	Q95yg0 ciona savig	364	109	8.7	549	2	Q6GM11	Q6gm11 xenopus lae
292	114.5	9.1	764	2	Q97343	Q97343 suberites d	365	109	8.7	733	2	Q86VG1	Q86vg1 homo sapien
293	114.5	9.1	1374	2	Q9VSU0	Q9vsu0 drosophila	366	109	8.7	736	2	Q6ZNB6	Q6znb6 homo sapien
294	114.5	9.1	1449	2	Q9U112	Q9u112 drosophila	367	109	8.7	765	2	Q54183	Q54183 streptomyce
295	114.5	9.1	1450	2	Q8IQB8	Q8iqb8 drosophila	368	109	8.7	1674	2	Q80Z18	Q80z18 mus musculus
296	114.5	9.1	1462	2	Q9U113	Q9u113 drosophila	369	109	8.7	2189	2	Q9BI05	Q9bi05 eimeria ten
297	114.5	9.1	2003	1	NTC4 HUMAN	Q99466 homo sapien	370	109	8.7	2850	2	Q80T03	Q80t03 mus musculus
298	114.5	9.1	2212	2	Q7Q112	Q7q112 anopheles g	371	109	8.7	3775	2	Q7PMF9	Q7pmf9 anopheles g
299	114.5	9.1	2382	2	Q9B119	Q9b119 drosophila	372	108.5	8.6	513	1	SPT1 HUMAN	Q43278 homo sapien
300	114.5	9.1	2409	2	Q960G6	Q960g6 drosophila	373	108.5	8.6	717	2	Q6PST6	Q6pst6 spodoptera
301	114.5	9.1	2786	2	Q9VSU2	Q9vsu2 drosophila	374	108.5	8.6	2524	1	NOTC XENLA	P21783 xenopus lae
302	114	9.0	383	2	Q70534	Q70534 rattus norv	375	108	8.6	438	2	Q39495	Q39495 cyllindrothe
303	114	9.0	383	2	Q62779	Q62779 rattus norv	376	108	8.6	578	2	Q8BPP4	Q8bpp4 mus musculus
304	114	9.0	384	2	Q8T9J3	Q8t9j3 drosophila	377	108	8.6	946	2	O22015	O22015 cyllindrothe
305	113.5	9.0	453	1	TMS3 MOUSE	Q8k1t0 mus musculus	378	108	8.6	1328	1	ALRN DISOM	Q90407 discopyge o
306	113.5	9.0	453	2	Q812A6	Q812a6 mus musculus	379	108	8.6	3312	1	CLR3 HUMAN	Q9n904 homo sapien
307	113.5	9.0	536	2	Q6DG59	Q6dg59 brachydanio	380	107.5	8.5	285	2	Q86H76	Q86h76 dictyosteli
308	113.5	9.0	546	2	Q66HD9	Q66hd9 rattus norv	381	107.5	8.5	584	2	Q6DK87	Q6dk87 xenopus tro
309	113.5	9.0	548	1	IDD_MOUSE	P98154 mus musculus	382	107.5	8.5	840	2	Q9VZF2	Q9vzf2 drosophila
310	113.5	9.0	673	2	Q86WR8	Q86wr8 homo sapien	383	107.5	8.5	945	1	CRAM TRYBB	Q03650 trypanosoma
311	113.5	9.0	934	2	Q6DEX1	Q6dex1 xenopus tro	384	107.5	8.5	1637	2	Q9XSU8	Q9xsu8 bos taurus
312	113	9.0	174	2	Q8BUR5	Q8bur5 mus musculus	385	107.5	8.5	1746	1	TENA_PIG	Q29116 sus scrofa
313	113	9.0	347	2	Q75J66	Q75j66 dictyosteli	386	107.5	8.5	1955	1	AGRN CHICK	P31696 gallus gall
314	113	9.0	466	2	Q6ZQH9	Q6zqh9 mus musculus	387	107.5	8.5	2201	1	TENA_HUMAN	P24821 homo sapien
315	113	9.0	478	2	Q8C2R4	Q8c2r4 mus musculus	388	107.5	8.5	2703	1	NOTC_DROME	P27207 drosophila
316	113	9.0	525	1	NAB2 YEAST	P32505 saccharomyc	389	107.5	8.5	2911	1	FBN2_HUMAN	P35536 homo sapien
317	113	9.0	549	2	Q6P5A9	Q6p5a9 mus musculus	390	107	8.5	270	2	Q75SV8	Q75sv8 felis silve
318	113	9.0	580	2	Q8CB23	Q8cb23 mus musculus	391	107	8.5	550	1	IDD HUMAN	P98153 homo sapien
319	113	9.0	712	2	Q8IGX5	Q8igx5 drosophila	392	107	8.5	550	2	Q8IWC8	Q8iwc8 homo sapien
320	113	9.0	855	2	Q7Z410	Q7z410 homo sapien	393	107	8.5	708	2	Q9LCM8	Q9lcm8 oryza sativ
321	113	9.0	1059	2	Q7Z411	Q7z411 homo sapien	394	107	8.5	737	2	Q8IYT0	Q8iyt0 homo sapien
322	112.5	8.9	474	2	Q68EF1	Q68ef1 mus musculus	395	107	8.5	737	2	Q8NFT8	Q8nft8 homo sapien
323	112.5	8.9	591	1	GRN_CAVPO	P28797 cavia porce	396	107	8.5	875	1	NPP3_HUMAN	O14638 h ectonucle

397	107	8.5	1147	2	Q6DIB5	Q6dib5 mus musculus	470	104	8.3	2018	2	Q7TP99	Q7tp99 rattus norv
398	107	8.5	1242	1	JAG1_BRARE	Q90y57 brachydanio	471	104	8.3	2318	1	NTC3_MOUSE	Q61982 mus musculus
399	106.5	8.5	159	2	Q8NAW6	Q8naw6 homo sapien	472	104	8.3	2360	1	Q7YZE0	Q7yzp0 eimeria max
400	106.5	8.5	321	2	Q6LAM1	Q6lam1 homo sapien	473	104	8.3	2731	2	Q9VUT5	Q9vjt5 drosophila
401	106.5	8.5	377	2	Q8MW88	Q8mw88 homo sapien	474	104	8.3	3367	2	Q9XZC9	Q9xzc9 drosophila
402	106.5	8.5	425	2	Q02661	Q02661 bos taurus	475	104	8.3	3375	2	Q8IP51	Q8ip51 drosophila
403	106.5	8.5	494	2	Q8VDV0	Q8vdv0 mus musculus	476	104	8.3	3579	1	STAN_DROME	Q9v5n8 drosophila
404	106.5	8.5	494	2	Q8BMS0	Q8bms0 mus musculus	477	103.5	8.2	313	2	Q8K3U2	Q8k3u2 mus musculus
405	106.5	8.5	583	1	CFAI_HUMAN	Q05156 homo sapien	478	103.5	8.2	376	2	Q8SX29	Q8sx29 drosophila
406	106.5	8.5	875	1	NPP3_RAT	P97675 r ectonucle	479	103.5	8.2	426	2	Q67U09	Q67u09 oryza sativ
407	106.5	8.5	1115	2	Q7QB67	Q7qb67 anopheles g	480	103.5	8.2	517	2	Q7S9R3	Q7s9r3 neurospora
408	106.5	8.5	2447	2	Q13149	Q13149 fugu rubrip	481	103.5	8.2	622	2	Q7FZ19	Q7fz19 anopheles g
409	106.5	8.5	2972	2	P90891	P90891 caenorhabdi	482	103.5	8.2	647	2	Q6P3V5	Q6p3v5 homo sapien
410	106.5	8.5	3198	2	Q9UG88	Q9ug88 manduca sex	483	103.5	8.2	747	2	Q8VHF4	Q8vhf4 mus musculus
411	106.5	8.5	4006	2	Q35452	Q35452 mus musculus	484	103.5	8.2	832	2	Q80YX0	Q80yx0 mus musculus
412	106	8.4	389	2	Q97887	Q97887 bos taurus	485	103.5	8.2	923	2	Q7KX99	Q7kx99 drosophila
413	106	8.4	393	2	Q44163	Q44163 caenorhabdi	486	103.5	8.2	1004	2	Q8CGA7	Q8cga7 mus musculus
414	106	8.4	950	2	Q8MQN5	Q8mqn5 drosophila	487	103.5	8.2	1034	2	Q8VHL7	Q8vhl7 mus musculus
415	106	8.4	1045	2	Q8T3A6	Q8t3a6 caenorhabdi	488	103.5	8.2	1034	2	Q8VIK5	Q8vik5 mus musculus
416	106	8.4	1070	2	Q8T3A7	Q8t3a7 caenorhabdi	489	103.5	8.2	1072	2	Q9VI26	Q9vi26 drosophila
417	106	8.4	1111	2	Q9XWD6	Q9xwd6 caenorhabdi	490	103.5	8.2	1091	2	Q7KX88	Q7kx88 drosophila
418	106	8.4	1391	2	Q6C6W0	Q6c6w0 yarrowia li	491	103.5	8.2	1358	2	Q8BY19	Q8by19 mus musculus
419	106	8.4	1407	2	Q9VB65	Q9vb65 drosophila	492	103.5	8.2	1410	2	Q20204	Q20204 caenorhabdi
420	106	8.4	1408	1	SERR_DROME	P18168 drosophila	493	103.5	8.2	1427	2	Q8VIB7	Q8vib7 mesocricetu
421	106	8.4	3843	2	Q9VU94	Q9vu94 drosophila	494	103.5	8.2	1458	2	Q757N5	Q757n5 ashbya goss
422	105.5	8.4	187	2	Q967E6	Q967e6 cooperia on	495	103.5	8.2	1574	1	EPL3_RAT	Q88281 rattus norv
423	105.5	8.4	338	2	Q7QCY2	Q7qcy2 anopheles g	496	103.5	8.2	164706	2	Q64706	Q64706 mus musculus
424	105.5	8.4	344	2	Q8BWK7	Q8bmk7 mus musculus	497	103.5	8.2	2019	2	Q80YX2	Q80yx2 mus musculus
425	105.5	8.4	403	2	Q14549	Q14549 homo sapien	498	103.5	8.2	2045	1	AGRN_HUMAN	Q00468 homo sapien
426	105.5	8.4	421	2	Q86JD6	Q86jd6 dictyosteli	499	103.5	8.2	2110	2	Q80YX1	Q80yx1 mus musculus
427	105.5	8.4	513	2	Q90YA5	Q90ya5 anguilla ja	500	103.5	8.2	2124	1	PGCA_RAT	P07897 rattus norv
428	105.5	8.4	737	2	Q8JZM4	Q8jzm4 mus musculus	501	103.5	8.2	2437	1	NTC1_BRARE	P46530 brachydanio
429	105.5	8.4	737	2	Q8R4T6	Q8r4t6 mus musculus	502	103	8.2	417	1	TR16_MOUSE	Q920w1 mus musculus
430	105.5	8.4	737	2	Q8VD97	Q8vd97 mus musculus	503	103	8.2	417	2	Q8BY11	Q8by11 mus musculus
431	105.5	8.4	1106	1	STC_DROME	P40798 drosophila	504	103	8.2	564	2	Q7S2H4	Q7s2h4 neurospora
432	105.5	8.4	1114	2	Q75WG2	Q75wg2 penaeus jap	505	103	8.2	598	1	KE04_MOUSE	Q8r151 mus musculus
433	105.5	8.4	1245	2	Q6PPB4	Q6ppb4 gallus gall	506	103	8.2	635	2	Q17797	Q17797 caenorhabdi
434	105	8.3	354	1	NOV_MOUSE	Q64299 mus musculus	507	103	8.2	648	2	Q9NKD7	Q9nkd7 drosophila
435	105	8.3	373	2	Q90YA4	Q90ya4 conger myri	508	103	8.2	648	2	Q9VJU4	Q9vjua4 drosophila
436	105	8.3	507	2	Q6I750	Q6i750 rattus norv	509	103	8.2	684	2	Q8I498	Q8i498 cupiennius
437	105	8.3	584	2	Q8K480	Q8k480 mus musculus	510	103	8.2	1032	2	Q7SWG1	Q7swg1 penaeus jap
438	105	8.3	1322	2	Q9NAT0	Q9nat0 anopheles g	511	103	8.2	1666	2	Q7EXL0	Q7rxl0 neurospora
439	105	8.3	1827	2	Q8JHV6	Q8jhw6 brachydanio	512	103	8.2	2516	2	Q7TQ52	Q7tg52 mus musculus
440	105	8.3	2531	1	NTC1_RAT	Q70008 rattus norv	513	103	8.2	2526	2	Q7TQ51	Q7tg51 mus musculus
441	105	8.3	3695	1	LMAS_HUMAN	O15230 homo sapien	514	103	8.2	2531	2	Q8K428	Q8k428 mus musculus
442	105	8.3	3695	2	Q8TDF8	Q8tdf8 homo sapien	515	103	8.2	2531	2	Q7TQ50	Q7tg50 mus musculus
443	105	8.3	4135	2	O18977	O18977 bos taurus	516	103	8.2	3843	2	Q7Q5D0	Q9usd0 drosophila
444	104.5	8.3	204	2	Q6VQP1	Q6vqp1 crassostrea	517	102.5	8.1	287	1	CTGF_RAT	Q6inl1 rattus norv
445	104.5	8.3	339	2	Q68G55	Q68g55 mus musculus	518	102.5	8.1	347	1	CTGF_RAT	Q9rie9 rattus norv
446	104.5	8.3	343	1	GAS1_MOUSE	Q01721 mus musculus	519	102.5	8.1	399	2	Q7KPx3	Q7kpx3 trichuris t
447	104.5	8.3	377	2	Q86NW2	Q86nw2 drosophila	520	102.5	8.1	494	2	O95965	O95965 homo sapien
448	104.5	8.3	427	2	Q8CFT3	Q8cft3 mus musculus	521	102.5	8.1	720	2	Q7QY54	Q7qy54 giardia lam
449	104.5	8.3	467	2	Q80D10	Q80d10 gallus gall	522	102.5	8.1	761	2	Q6STR5	Q6str5 mus musculus
450	104.5	8.3	507	2	Q9D3K4	Q9d3k4 mus musculus	523	102.5	8.1	935	2	Q6IR82	Q6ir82 xenopus lae
451	104.5	8.3	507	2	Q99J04	Q99j04 mus musculus	524	102.5	8.1	952	2	G6ZTA9	G6zta9 homo sapien
452	104.5	8.3	517	2	Q8IHC1	Q8ihc1 drosophila	525	102.5	8.1	1218	1	JAG1_HUMAN	P78504 homo sapien
453	104.5	8.3	517	2	Q8IRB9	Q8irb9 drosophila	526	102.5	8.1	1218	1	JAG1_MOUSE	Q9gxk0 mus musculus
454	104.5	8.3	600	1	EFLS_HUMAN	Q9hlu4 homo sapien	527	102.5	8.1	1219	1	JAG1_RAT	Q63722 rattus norv
455	104.5	8.3	604	1	CFAI_RAT	Q9wuw3 rattus norv	528	102.5	8.1	1615	2	Q7QZU9	Q7qzu9 giardia lam
456	104.5	8.3	655	1	HGFA_HUMAN	Q04756 homo sapien	529	102.5	8.1	1726	2	Q80Z21	Q80z21 mus musculus
457	104.5	8.3	731	2	Q8I4B9	Q8i4b9 caenorhabdi	530	102.5	8.1	2906	2	Q9WUH9	Q9wuh9 rattus norv
458	104.5	8.3	796	2	Q9UI75	Q9uit5 caenorhabdi	531	102	8.1	284	2	Q8TiD1	Q8tid1 dictyosteli
459	104.5	8.3	1234	2	Q7PIQ7	Q7piq7 anopheles g	532	102	8.1	643	1	CD93_RAT	Q9et61 rattus norv
460	104.5	8.3	1322	2	Q7PNR7	Q7pnr7 anopheles g	533	102	8.1	706	2	Q86HZ1	Q86hz1 dictyosteli
461	104.5	8.3	1322	2	Q9NUS5	Q9nj85 anopheles g	534	102	8.1	833	2	Q6J288	Q6j288 acanthamoeb
462	104.5	8.3	2327	2	Q9IBG7	Q9ibg7 xenopus lae	535	102	8.1	1515	2	Q9DE37	Q9de37 brachydanio
463	104.5	8.3	4114	2	O54796	O54796 mus musculus	536	102	8.1	2556	1	NTC1_HUMAN	P46531 homo sapien
464	104	8.3	357	2	Q97866	Q97866 sus scrofa	537	102	8.1	2811	2	Q7Q434	Q7q434 anopheles g
465	104	8.3	473	1	FP2_MYTGA	Q25464 mytilus gal	538	101.5	8.1	391	2	Q20531	Q20531 caenorhabdi
466	104	8.3	559	1	CO5_HUMAN	P02748 homo sapien	539	101.5	8.1	651	2	Q98SM6	Q98sm6 gallus gall
467	104	8.3	656	1	EFL3_MOUSE	Q00w70 mus musculus	540	101.5	8.1	700	2	Q8QGN9	Q8qgn9 brachydanio
468	104	8.3	835	2	Q69ZY6	Q69zy6 mus musculus	541	101.5	8.1	772	2	Q6DI48	Q6di48 brachydanio
469	104	8.3	934	2	Q811M5	Q811m5 rattus norv	542	101.5	8.1	802	2	O57462	O57462 brachydanio

543	101.5	8.1	1247	1	JAG2_MOUSE	Q9qye5 mus musculus	616	99	7.9	322	2	Q6DC45	Q6dc45 brachydanio
544	101.5	8.1	1595	1	LTBL_HUMAN	Q14766 homo sapien	617	99	7.9	337	2	O18464	O18464 herdmania m
545	101.5	8.1	2428	2	Q816X6	Q816x6 boophilus m	618	99	7.9	349	2	Q97765	Q97765 sus scrofa
546	101.5	8.1	3550	2	Q66GT4	Q66gt4 rattus norv	619	99	7.9	370	1	K107_HUMAN	P60409 homo sapien
547	101	8.0	186	2	Q9YP87	Q9yp87 coxpo viru	620	99	7.9	432	2	Q9NPM2	Q9nmp2 homo sapien
548	101	8.0	261	2	Q8BRV4	Q8brv4 mus musculus	621	99	7.9	518	2	Q7SYC0	Q7syco brachydanio
549	101	8.0	570	2	Q9VM32	Q9vm32 drosophila	622	99	7.9	577	1	TRBM_MOUSE	P15306 mus musculus
550	101	8.0	592	2	Q7QT99	Q7qt99 giardia lam	623	99	7.9	600	1	SP96_DICDI	P14328 dictyosteli
551	101	8.0	662	1	MUC1_XENLA	Q05049 xenopus lae	624	99	7.9	647	2	Q7QSW4	Q7qsw4 anopheles g
552	101	8.0	749	2	Q86TF7	Q86tf7 homo sapien	625	99	7.9	746	1	ABL_MLVAB	P00521 abelson mur
553	101	8.0	769	2	Q91X70	Q91x70 mus musculus	626	99	7.9	765	2	Q86P34	Q86p34 drosophila
554	101	8.0	769	2	Q90XT7	Q90xt7 mus musculus	627	99	7.9	765	2	Q9VBP0	Q9vbp0 drosophila
555	101	8.0	890	2	Q7QJ41	Q7qj41 anopheles g	628	99	7.9	893	2	Q8MJX0	Q8mjx0 cercopithec
556	101	8.0	1761	2	Q86XN2	Q86xn2 homo sapien	629	99	7.9	898	2	Q9UF24	Q9uf24 homo sapien
557	101	8.0	1959	1	AGRN_RAT	P25304 rattus norv	630	99	7.9	981	2	Q9Z809	Q9z809 abelson mur
558	101	8.0	2192	2	Q804R1	Q804r1 brachydanio	631	99	7.9	998	2	Q869K4	Q869k4 dictyosteli
559	101	8.0	2528	2	Q8AXP0	Q8axp0 cynops pyrr	632	99	7.9	1123	1	ABL1_MOUSE	P00520 mus musculus
560	101	8.0	2531	2	O16004	O16004 lytechinus	633	99	7.9	1142	2	Q6PCW5	Q6pcw5 mus musculus
561	101	8.0	2764	2	Q9WTS5	Q9wts5 mus musculus	634	99	7.9	1156	2	Q86BJ1	Q86bj1 drosophila
562	101	8.0	2824	2	Q9W7R3	Q9w7r3 brachydanio	635	99	7.9	1212	2	O42347	O42347 gallus gall
563	101	8.0	2907	1	FBN2_MOUSE	Q61555 mus musculus	636	99	7.9	1260	2	Q6NR14	Q6nr14 drosophila
564	101	8.0	13288	2	O18758	O18758 sus scrofa	637	99	7.9	1260	2	Q9VVY7	Q9vvv7 drosophila
565	100.5	8.0	213	2	Q6M959	Q6m959 neurospora	638	99	7.9	1268	1	LTB3_MOUSE	O61810 mus musculus
566	100.5	8.0	422	2	Q619X5	Q619x5 homo sapien	639	99	7.9	1501	2	Q75J59	Q75j59 dictyosteli
567	100.5	8.0	442	2	Q39494	Q39494 cylindrothe	640	99	7.9	1664	2	Q9TVQ2	Q9tvq2 caenorhabdi
568	100.5	8.0	465	2	Q7PR44	Q7pr44 anopheles g	641	99	7.9	2225	2	O45881	O45881 caenorhabdi
569	100.5	8.0	490	2	Q920K3	Q920k3 rattus norv	642	99	7.9	2471	1	NTC2_RAT	Q9qW30 rattus norv
570	100.5	8.0	500	2	Q7PRK6	Q7prk6 anopheles g	643	98.5	7.8	195	2	Q91VZ7	Q91vz7 mus musculus
571	100.5	8.0	545	2	Q7PRK7	Q7prk7 anopheles g	644	98.5	7.8	432	2	Q9BKP1	Q9bkp1 caenorhabdi
572	100.5	8.0	584	1	CO8A_HUMAN	P07357 homo sapien	645	98.5	7.8	475	2	Q6KQA6	Q6kaq6 mus musculus
573	100.5	8.0	601	2	Q7M4J3	Q7m4j3 dictyosteli	646	98.5	7.8	525	2	Q81QU1	Q81qu1 drosophila
574	100.5	8.0	611	2	Q81YGO	Q81ygo homo sapien	647	98.5	7.8	558	2	Q6WDX9	Q6wdx9 paracalamyd
575	100.5	8.0	640	1	UROM_HUMAN	P07911 homo sapien	648	98.5	7.8	589	2	Q6GQ31	Q6gq31 xenopus lae
576	100.5	8.0	1046	1	PSTA_DICDI	P11976 dictyosteli	649	98.5	7.8	705	1	FBL1_MOUSE	Q08879 mus musculus
577	100.5	8.0	1062	2	Q60789	Q60789 mus musculus	650	98.5	7.8	752	2	O42374	O42374 brachydanio
578	100.5	8.0	1083	2	Q87AS6	Q87as6 homo sapien	651	98.5	7.8	771	2	Q6TYZ0	Q6tyz0 mus musculus
579	100.5	8.0	1096	2	O94174	Q94174 pneumocysti	652	98.5	7.8	957	1	MGE1_MACFA	Q9be18 macaca fasc
580	100.5	8.0	1350	2	Q7T3T6	Q7t3t6 brachydanio	653	98.5	7.8	1097	2	Q6UYI6	Q6uyi6 homo sapien
581	100.5	8.0	1786	1	LMB1_HUMAN	P07942 homo sapien	654	98.5	7.8	1167	2	Q6KAT1	Q6kat1 mus musculus
582	100.5	8.0	2321	1	NTC3_HUMAN	Q9um47 homo sapien	655	98.5	7.8	1427	2	Q76LX8	Q76lx8 homo sapien
583	100.5	8.0	2470	1	NTC3_MOUSE	Q35516 mus musculus	656	98.5	7.8	1918	2	Q86AS3	Q86as3 dictyosteli
584	100	7.9	70	2	Q6P2Z0	Q6p2z0 mus musculus	657	98.5	7.8	3183	2	Q6SZC2	Q6szc2 caenorhabdi
585	100	7.9	107	2	Q9NGI9	Q9ngi9 crasostrea	658	98.5	7.8	3191	2	O01335	O01335 caenorhabdi
586	100	7.9	204	2	Q6Y7Y0	Q6y7y0 oryza sativ	659	98	7.8	322	1	FSA_BRARE	Q9yhv4 brachydanio
587	100	7.9	258	2	Q8S256	Q8s256 oryza sativ	660	98	7.8	349	1	CTGF_PIG	O19113 sus scrofa
588	100	7.9	305	2	Q943F2	Q943f2 oryza sativ	661	98	7.8	368	2	O57408	O57408 meleagris g
589	100	7.9	305	2	Q8JIP6	Q8jip6 tribolodon	662	98	7.8	441	2	Q9W5X1	Q9w5x1 drosophila
590	100	7.9	411	2	Q7PZR1	Q7pzi1 anopheles g	663	98	7.8	454	2	Q7R3V9	Q7r3v9 giardia lam
591	100	7.9	475	2	Q27087	Q27087 trichuris t	664	98	7.8	600	2	Q86B01	Q86b01 dictyosteli
592	100	7.9	554	2	Q7PUG0	Q7pug0 anopheles g	665	98	7.8	777	2	Q9VRQ0	Q9vrq0 drosophila
593	100	7.9	715	2	Q94494	Q94494 dictyosteli	666	98	7.8	784	1	YAV2_XANCV	P14728 xanthomonas
594	100	7.9	736	2	Q7QTA2	Q7qta2 giardia lam	667	98	7.8	984	2	Q9YLP7	Q9y1p7 cryptospori
595	100	7.9	800	2	Q8TFG4	Q8tfq4 schizosacch	668	98	7.8	1317	2	Q6IQS0	Q6iqs0 homo sapien
596	100	7.9	1356	2	Q05546	Q05546 rattus norv	669	98	7.8	1329	2	Q6CEK4	Q6cek4 yarrowia li
597	100	7.9	1405	2	Q8VHS2	Q8vhs2 mus musculus	670	98	7.8	1332	2	O45599	O45599 caenorhabdi
598	100	7.9	4288	2	Q9NPK9	Q9npk9 homo sapien	671	98	7.8	2471	1	NTC2_HUMAN	Q04721 homo sapien
599	100	7.9	4289	1	TENX_HUMAN	P22105 homo sapien	672	98	7.8	2535	2	Q755B8	Q755b8 ashbya goss
600	99.5	7.9	351	1	NOV_RAT	Q9qzq5 rattus norv	673	97.5	7.7	241	1	WFD8_HUMAN	Q81ua0 homo sapien
601	99.5	7.9	537	2	Q9UIT6	Q9uit6 caenorhabdi	674	97.5	7.7	290	2	Q9DAU5	Q9daus mus musculus
602	99.5	7.9	644	1	CD93_MOUSE	Q89103 mus musculus	675	97.5	7.7	349	1	CTGF_BOVIN	Q18739 bos taurus
603	99.5	7.9	668	2	Q07237	Q07237 pneumocysti	676	97.5	7.7	420	2	P91776	P91776 pacifastacu
604	99.5	7.9	701	2	Q8CDB8	Q8cdb8 mus musculus	677	97.5	7.7	425	1	TR16_RAT	P07174 rattus norv
605	99.5	7.9	1019	1	ENTK_HUMAN	P98073 homo sapien	678	97.5	7.7	549	2	Q9VM30	Q9vm30 drosophila
606	99.5	7.9	1062	2	Q6AH50	Q6ah50 pneumocysti	679	97.5	7.7	577	2	Q9VJI8	Q9vji8 drosophila
607	99.5	7.9	1474	2	Q62504	Q62504 caenorhabdi	680	97.5	7.7	676	2	Q9VQ80	Q9vq80 drosophila
608	99.5	7.9	1599	2	Q09983	Q09983 caenorhabdi	681	97.5	7.7	827	2	Q702I4	Q702i4 bos taurus
609	99.5	7.9	1821	1	LTB2_HUMAN	Q14767 homo sapien	682	97.5	7.7	1071	2	Q6AHT2	Q6aht2 pneumocysti
610	99.5	7.9	1821	2	Q6AZ94	Q6az94 homo sapien	683	97.5	7.7	1358	2	Q15568	Q15568 homo sapien
611	99.5	7.9	2825	2	Q70465	Q70465 mus musculus	684	97.5	7.7	1358	2	Q92752	Q92752 homo sapien
612	99	7.9	125	2	Q6DLX5	Q6dlx5 tenebrio mo	685	97.5	7.7	1666	1	LTB4_MOUSE	Q84qg1 mus musculus
613	99	7.9	200	2	Q7QZL9	Q7qzi9 giardia lam	686	97.5	7.7	2330	1	EFL4_MOUSE	P60882 mus musculus
614	99	7.9	262	2	Q98988	Q98988 salvelinus	687	97.5	7.7	2352	2	Q61240	Q61240 halocynthia
615	99	7.9	263	2	Q99740	Q99740 homo sapien	688	97.5	7.7	2754	2	Q7PRV4	Q7prv4 anopheles g

689	97.5	7.7	2872	2	Q9WUH8	Q9wuh8 rattus norv
690	97	7.7	304	2	Q71DF4	Q71df4 drosophila
691	97	7.7	313	2	Q24330	Q24330 dictyosteli
692	97	7.7	337	2	Q8NHD3	Q8nhd3 homo sapien
693	97	7.7	342	2	Q8NHD5	Q8nhd5 homo sapien
694	97	7.7	347	2	Q9PT80	Q9pt80 notophthalm
695	97	7.7	347	2	Q8NHD4	Q8nhd4 homo sapien
696	97	7.7	569	2	Q9UOE2	Q9uoe2 tribolium c
697	97	7.7	585	2	Q8UOE2	Q8uoe2 giardia lam
698	97	7.7	593	2	Q7RS76	Q7rs76 giardia lam
699	97	7.7	593	2	Q7RSA7	Q7rsa7 giardia lam
700	97	7.7	704	1	FBL1_CHICK	Q73775 gallus gall
701	97	7.7	744	2	Q8NHD2	Q8nhd2 homo sapien
702	97	7.7	783	2	P92163	P92163 strongloce
703	97	7.7	798	1	ITB7_HUMAN	Q26010 homo sapien
704	97	7.7	830	1	SREC_HUMAN	Q14162 homo sapien
705	97	7.7	866	1	SRC2_HUMAN	Q969p6 homo sapien
706	97	7.7	866	2	Q7S6E9	Q7s6e9 neurospora
707	97	7.7	1686	2	Q6P7J9	Q6p7j9 homo sapien
708	97	7.7	2595	2	Q23587	Q23587 caenorhabdi
709	97	7.7	2871	1	FBN1_MOUSE	Q61554 mus musculu
710	96.5	7.7	3106	1	LM2_MOUSE	Q60675 mus musculu
711	96.5	7.7	153	1	NEUV_FUGRU	Q42499 fugu rubrip
712	96.5	7.7	294	2	Q9GYJ3	Q9gyj3 caenorhabdi
713	96.5	7.7	344	2	Q9CVK2	Q9cvk2 mus musculu
714	96.5	7.7	383	1	EFL9_HUMAN	Q6uy11 homo sapien
715	96.5	7.7	608	2	Q80V54	Q80v54 mus musculu
716	96.5	7.7	618	2	O57409	Q57409 brachydanio
717	96.5	7.7	642	1	DLL3_HUMAN	Q9nyj7 homo sapien
718	96.5	7.7	660	2	Q62285	Q62285 mus musculu
719	96.5	7.7	667	2	Q7QV47	Q7qv47 giardia lam
720	96.5	7.7	667	2	Q95WU1	Q95wu1 giardia lam
721	96.5	7.7	669	2	Q8N4X0	Q8n4x0 homo sapien
722	96.5	7.7	675	2	Q9Y110	Q9y110 drosophila
723	96.5	7.7	701	2	Q86BL2	Q86bl2 drosophila
724	96.5	7.7	708	2	P87363	P87363 gallus gall
725	96.5	7.7	762	2	Q42373	Q42373 brachydanio
726	96.5	7.7	804	2	Q60410	Q60410 cavia porce
727	96.5	7.7	814	2	Q6A018	Q6a018 mus musculu
728	96.5	7.7	843	1	CO7_HUMAN	P10643 homo sapien
729	96.5	7.7	843	2	Q6PJT5	Q6pjt5 homo sapien
730	96.5	7.7	923	1	K685_MOUSE	Q8r3q2 mus musculu
731	96.5	7.7	1050	2	Q71G60	Q71g60 red sea bre
732	96.5	7.7	1104	1	NFX1_HUMAN	Q12986 homo sapien
733	96.5	7.7	1202	1	JAG2_RAT	P97607 rattus norv
734	96.5	7.7	1679	1	FUR2_DROME	P30432 drosophila
735	96.5	7.7	2112	2	Q9VEL9	Q9vel9 drosophila
736	96.5	7.7	2448	2	Q8WWQ5	Q8wwq5 homo sapien
737	96	7.6	237	1	CLR1_MOUSE	Q35161 mus musculu
738	96	7.6	259	1	T10C_HUMAN	Q9hbe6 homo sapien
739	96	7.6	259	2	Q6FH98	O14798 h tumor nec
740	96	7.6	281	1	IBP7_MOUSE	Q6fh98 homo sapien
741	96	7.6	299	2	Q6UXM5	Q61581 mus musculu
742	96	7.6	329	2	Q9DEY0	Q6uxm5 homo sapien
743	96	7.6	348	1	CTGF_MOUSE	Q9dey0 cyprinus ca
744	96	7.6	383	1	DLK_HUMAN	P29268 mus musculu
745	96	7.6	383	2	Q693Y6	P80370 homo sapien
746	96	7.6	424	2	Q8N643	Q8n643 homo sapien
747	96	7.6	476	1	HRA4_HUMAN	Q8n643 homo sapien
748	96	7.6	482	2	Q6BSZ9	Q6bsz9 debaryomyce
749	96	7.6	580	2	Q8CHK1	Q8chk1 mus musculu
750	96	7.6	587	2	Q8K182	Q8k182 mus musculu
751	96	7.6	587	2	Q8CHJ9	Q8chj9 mus musculu
752	96	7.6	594	2	Q24970	Q24970 giardia lam
753	96	7.6	602	2	Q61PM6	Q61pm6 homo sapien
754	96	7.6	603	1	CFAI_MOUSE	Q61129 mus musculu
755	96	7.6	708	2	Q7YS74	Q7ys74 dictyosteli
756	96	7.6	1015	2	Q7Q8A1	Q7q8a1 anopheles g
757	96	7.6	1486	2	Q95RE5	Q95re5 drosophila
758	96	7.6	1486	2	Q967Y2	Q967y2 drosophila
759	96	7.6	1486	2	Q7KRP7	Q7krp7 drosophila
760	96	7.6	1582	2	Q7KRP6	Q7krp6 drosophila
761	96	7.6	2524	2	Q9GPA5	Q9gpa5 branchiosto

Q9wt87	mus musculu	2771	2	Q9WTS7	Q9wt87 mus musculu
Q685j2	homo sapien	4262	2	Q685J2	Q685j2 homo sapien
Q685j3	homo sapien	4493	2	Q685J3	Q685j3 homo sapien
P22841	paracoccus	188	1	DHML_PARVE	P22841 paracoccus
Q8gug1	arabidopsis	299	2	Q8GUG1	Q8gug1 arabidopsis
Q9lnt0	arabidopsis	316	2	Q9LNT0	Q9lnt0 arabidopsis
Q84r80	oryza sativ	332	2	Q84R80	Q84r80 oryza sativ
Q8kle3	mus musculu	382	1	EFL9_MOUSE	Q8kle3 mus musculu
Q8br4	m mus muscu	389	2	Q8BGR4	Q8br4 m mus muscu
Q93779	caenorhabdi	542	1	YQ16_CABEL	Q93779 caenorhabdi
P19467	mus musculu	573	1	CL14_MOUSE	P19467 mus musculu
Q9pwv7	paralichthy	588	1	CO8B_PAROL	Q9pwv7 paralichthy
Q8qut7	infectio	856	2	Q8QUT7	Q8qut7 infectio
P52958	fusarium so	909	1	CT1A_FUSSO	P52958 fusarium so
Q90v54	brachydanio	1213	1	JAG3_BRARE	Q90v54 brachydanio
Q9y219	homo sapien	1238	1	JAG2_HUMAN	Q9y219 homo sapien
Q96137	homo sapien	1427	2	JAG2_HUMAN	Q96137 homo sapien
Q75412	homo sapien	1511	2	Q75412	Q75412 homo sapien
Q00508	homo sapien	1587	2	Q00508	Q00508 homo sapien
Q9nj15	branchiosto	1696	1	PK55_BRACL	Q9nj15 branchiosto
Q7z7m0	homo sapien	286	1	EFL4_HUMAN	Q7z7m0 homo sapien
Q9y8r7	homo sapien	2843	2	Q9Y8R7	Q9y8r7 homo sapien
P98133	bos taurus	2871	1	FBN1_BOVIN	P98133 bos taurus
Q88840	mus musculu	3857	2	Q88840	Q88840 mus musculu
Q91099	gallus gall	94	2	Q91099	Q91099 gallus gall
Q9dae3	mus musculu	120	2	Q9DAE3	Q9dae3 mus musculu
Q7q2j1	anopheles g	198	2	Q7Q2J1	Q7q2j1 anopheles g
Q6zrm9	homo sapien	215	2	Q6ZRM9	Q6zrm9 homo sapien
Q95407	homo sapien	300	1	TR6B_HUMAN	Q95407 homo sapien
Q6r256	carassius a	322	2	Q6R256	Q6r256 carassius a
Q6azh1	xenopus lae	513	2	Q6AZH1	Q6azh1 xenopus lae
Q9pvm6	paralichthy	558	2	Q9PVM6	Q9pvm6 paralichthy
Q6pgy9	brachydanio	850	2	Q6PGY9	Q6pgy9 brachydanio
Q6dy8	mus musculu	874	2	Q6DY8	Q6dy8 mus musculu
P49744	rattus norv	980	1	TSP4_RAT	P49744 rattus norv
Q9vz17	drosophila	1175	2	Q9VRL7	Q9vz17 drosophila
Q711t8	homo sapien	1340	2	Q711T8	Q711t8 homo sapien
Q710f6	homo sapien	1371	2	Q710F6	Q710f6 homo sapien
Q94438	chironomus	1598	2	Q94438	Q94438 chironomus
Q61292	mus musculu	1799	1	LM2_MOUSE	Q61292 mus musculu
Q8r0y0	mus musculu	1799	2	Q8R0Y0	Q8r0y0 mus musculu
Q8r4y4	mus musculu	2571	1	SN1_MOUSE	Q8r4y4 mus musculu
Q9w7r4	brachydanio	2590	2	Q9W7R4	Q9w7r4 brachydanio
Q6tpk5	gallus gall	211	2	Q6TPK5	Q6tpk5 gallus gall
Q8ib2	homo sapien	231	2	Q8IB2	Q8ib2 homo sapien
Q865j2	schistoema	252	1	Q865J2	Q865j2 schistoema
P47741	mus musculu	272	1	TNR4_MOUSE	P47741 mus musculu
P48745	homo sapien	357	1	NOV_HUMAN	P48745 homo sapien
Q8bhp1	mus musculu	393	2	Q8BHP1	Q8bhp1 mus musculu
Q9r097	mus musculu	507	1	SPT1_MOUSE	Q9r097 mus musculu
Q8n2d6	homo sapien	529	2	Q8N2D6	Q8n2d6 homo sapien
Q7qxt3	giardia lam	569	2	Q7QXT3	Q7qxt3 giardia lam
Q7r5j3	giardia lam	574	2	Q7R5J3	Q7r5j3 giardia lam
Q8nbs4	homo sapien	587	2	Q8NBS4	Q8nbs4 homo sapien
Q81gx9	homo sapien	625	2	Q81GX9	Q81gx9 homo sapien
Q8msq3	drosophila	625	2	Q8MSQ3	Q8msq3 drosophila
Q9tuq3	sus scrofa	843	1	CO7_PIG	Q9tuq3 sus scrofa
Q00546	gallus gall	1353	2	Q00546	Q00546 gallus gall
Q04164	drosophila	1693	1	SAS_DROME	Q04164 drosophila
Q13029	homo sapien	1719	1	PRD2_HUMAN	Q13029 homo sapien
Q7qvw0	giardia lam	1805	2	Q7QVW0	Q7qvw0 giardia lam
Q91705	mus musculu	2531	1	NTC1_MOUSE	Q91705 mus musculu
Q9rik2	rattus norv	2765	2	Q9RIK2	Q9rik2 rattus norv
Q8k196	mus musculu	482	2	Q8K1G6	Q8k196 mus musculu
Q9hcb4	homo sapien	5703	1	MUSB_HUMAN	Q9hcb4 homo sapien
Q9mdh4	vitis vinif	720	2	Q9MDH4	Q9mdh4 vitis vinif
Q9v512	drosophila	245	2	Q9V512	Q9v512 drosophila
Q6zt90	homo sapien	254	2	Q6ZT90	Q6zt90 homo sapien
Q66a89	oikopleura	269	2	Q66A89	Q66a89 oikopleura
P54826	homo sapien	345	1	GAS1_HUMAN	P54826 homo sapien
Q6b086	homo sapien	345	2	Q6B086	Q6b086 homo sapien
Q95274	homo sapien	346	2	Q95274	Q95274 homo sapien
P31260	homo sapien	393	1	HXAA_HUMAN	P31260 homo sapien

835	94	7.5	480	2	Q9QZK5	Q9qzk5 rattus norv	908	93	7.4	783	2	Q90XG2	Q90xg2 gallus gall
836	94	7.5	537	1	SP70_DICDI	P15269 dictyosteli	909	93	7.4	812	2	Q6T683	Q6t683 gallus gall
837	94	7.5	559	2	Q9VZ44	Q9vz44 drosophila	910	93	7.4	815	2	Q96J62	Q96j62 homo sapien
838	94	7.5	693	2	Q8GV21	Q8gv21 oryza sativ	911	93	7.4	816	1	SRL2_HUMAN	Q99435 homo sapien
839	94	7.5	827	2	Q6L608	Q6l608 gallus gall	912	93	7.4	833	1	SRL2_MOUSE	P59222 mus musculus
840	94	7.5	835	1	CD97_HUMAN	P48960 homo sapien	913	93	7.4	850	2	Q14425	Q14425 homo sapien
841	94	7.5	884	2	Q7QT01	Q7qt01 giardia lam	914	93	7.4	937	2	Q9BLJ1	Q9blj1 ciona intres
842	94	7.5	915	2	Q02364	Q02364 caenorhabdi	915	93	7.4	950	2	Q90Z44	Q90z44 gallus gall
843	94	7.5	927	2	Q7JKS6	Q7jks6 caenorhabdi	916	93	7.4	1007	2	Q90ZN3	Q90zn3 gallus gall
844	94	7.5	1019	2	Q8T9S1	Q8t9s1 tachypleus	917	93	7.4	1130	1	ABLI_HUMAN	P00519 homo sapien
845	94	7.5	1109	2	Q95V21	Q95v21 giardia lam	918	93	7.4	1137	2	Q6UXC1	Q6uxc1 homo sapien
846	94	7.5	1114	2	Q7RTL3	Q7rtl3 giardia lam	919	93	7.4	1193	2	Q90819	Q90819 gallus gall
847	94	7.5	1187	2	Q49549	Q49549 mycoplasma	920	93	7.4	1271	1	YC81_CABEL	Q19981 caenorhabdi
848	94	7.5	1203	2	Q86KZ0	Q86kz0 dictyosteli	921	93	7.4	1329	2	Q9BMB0	Q9bmb0 caenorhabdi
849	94	7.5	1451	2	Q7R2Y9	Q7r2y9 giardia lam	922	93	7.4	1360	2	Q9TYK4	Q9tyk4 caenorhabdi
850	94	7.5	1700	1	BAR3_CHITE	Q03376 chironomus	923	93	7.4	1388	2	Q8WQ36	Q8wq36 leishmania
851	94	7.5	2224	2	Q44131	Q44131 caenorhabdi	924	93	7.4	1391	2	Q19021	Q19021 caenorhabdi
852	94	7.5	5374	2	Q99ND0	Q99nd0 mus musculus	925	93	7.4	1641	2	Q68SA9	Q68sa9 mus musculus
853	94	7.5	5376	1	ZAN_MOUSE	Q88799 mus musculus	926	93	7.4	1706	2	Q63755	Q63755 rattus sp.
854	93.5	7.4	121	2	Q9NCR1	Q9ncr1 dendroides	927	93	7.4	2346	2	Q9JLC1	Q9jlc1 mus musculus
855	93.5	7.4	145	1	MCS_RAT	Q64298 rattus norv	928	93	7.4	2480	1	RPL1_HUMAN	Q81wn7 homo sapien
856	93.5	7.4	145	2	Q6VQP2	Q6vqp2 crassostrea	929	93	7.4	2871	1	PBN1_PIG	Q9tv36 sus scrofa
857	93.5	7.4	149	2	Q6VQP3	Q6vqp3 crassostrea	930	93	7.4	2910	2	O55225	O55225 mus musculus
858	93.5	7.4	245	1	K10C_HUMAN	P60413 homo sapien	931	92.5	7.3	148	2	Q9NCQ8	Q9ncq8 dendroides
859	93.5	7.4	259	2	Q9GZE3	Q9gze3 caenorhabdi	932	92.5	7.3	401	1	K104_HUMAN	P60372 homo sapien
860	93.5	7.4	261	2	Q7PRJ2	Q7prj2 anopheles g	933	92.5	7.3	474	2	Q73906	Q73906 gallus gall
861	93.5	7.4	320	2	Q8N780	Q8n780 homo sapien	934	92.5	7.3	483	1	LR11_MOUSE	Q8cb67 mus musculus
862	93.5	7.4	349	1	CTGF_HUMAN	P29279 homo sapien	935	92.5	7.3	548	2	Q9VJD1	Q9vjd1 drosophila
863	93.5	7.4	357	2	Q6I9S3	Q6i9s3 homo sapien	936	92.5	7.3	554	2	Q7PZ18	Q7pzi8 anopheles g
864	93.5	7.4	470	1	SP63_STRPU	Q07929 strongyloce	937	92.5	7.3	577	2	Q6RKD5	Q6rkds fundulus he
865	93.5	7.4	557	1	CO9_RABIT	P48747 oryctolagus	938	92.5	7.3	589	1	NTG2_MOUSE	Q8r4f1 mus musculus
866	93.5	7.4	682	2	Q6ZMN9	Q6zmn9 homo sapien	939	92.5	7.3	647	2	Q8S148	Q8s148 oryza sativ
867	93.5	7.4	725	2	Q9CV93	Q9cv93 mus musculus	940	92.5	7.3	706	2	Q8S5J1	Q8s5j1 oryza sativ
868	93.5	7.4	730	2	Q86HT1	Q86ht1 dictyosteli	941	92.5	7.3	713	2	Q962W9	Q962w9 podocoryne
869	93.5	7.4	769	1	LEM3_SHEEP	P98109 ovis aries	942	92.5	7.3	723	2	Q9QW16	Q9qw16 rattus sp.
870	93.5	7.4	809	2	Q8CA82	Q8ca82 mus musculus	943	92.5	7.3	752	2	Q8MNE2	Q8mne2 dictyosteli
871	93.5	7.4	816	1	AD15_RAT	Q9qyv0 r adam 15 p	944	92.5	7.3	754	1	LGR8_HUMAN	Q8wx00 homo sapien
872	93.5	7.4	864	1	AD15_MOUSE	Q88839 mus musculus	945	92.5	7.3	787	2	Q8R2H2	Q8r2h2 rattus norv
873	93.5	7.4	864	2	Q6P779	Q6p779 rattus norv	946	92.5	7.3	818	2	Q6C9L0	Q6c9l0 yarrowia li
874	93.5	7.4	971	2	Q6ZW11	Q6zwi1 homo sapien	947	92.5	7.3	837	2	Q7QFG1	Q7qfg1 anopheles g
875	93.5	7.4	999	2	Q9NQ36	Q9nq36 homo sapien	948	92.5	7.3	961	2	Q86TG2	Q86tg2 homo sapien
876	93.5	7.4	1587	1	LMG3_HUMAN	Q9y6n6 homo sapien	949	92.5	7.3	1074	2	Q964D1	Q964d1 entamoeba h
877	93.5	7.4	1928	2	Q8T9H1	Q8t9h1 drosophila	950	92.5	7.3	1476	2	Q90285	Q90285 caenassius a
878	93.5	7.4	2146	2	Q9VC97	Q9vc97 drosophila	951	92.5	7.3	1568	2	Q7PWM3	Q7pwm3 anopheles g
879	93.5	7.4	2531	2	Q8MPZ2	Q8mpz2 caenorhabdi	952	92.5	7.3	1798	1	LCB2_HUMAN	P55268 homo sapien
880	93.5	7.4	2560	2	Q21980	Q21980 caenorhabdi	953	92.5	7.3	2353	1	CMAH_HUMAN	Q95180 homo sapien
881	93.5	7.4	2871	1	PBN1_HUMAN	P35555 homo sapien	954	92.5	7.3	2931	2	Q9W2C6	Q9w2c6 drosophila
882	93.5	7.4	2871	2	Q75N87	Q75n87 homo sapien	955	92.5	7.3	2968	2	Q8MLJ9	Q8mlj9 drosophila
883	93	7.4	245	2	Q81G84	Q81g84 drosophila	956	92.5	7.3	3718	1	LMAS_MOUSE	Q61001 mus musculus
884	93	7.4	346	2	Q9UJ74	Q9uj74 homo sapien	957	92	7.3	266	2	Q9R1K1	Q9rlk1 rattus norv
885	93	7.4	365	1	K106_HUMAN	P60371 homo sapien	958	92	7.3	326	1	VT2_MYXVL	P29825 myxoma viru
886	93	7.4	385	1	DLK_MOUSE	Q09163 mus musculus	959	92	7.3	337	2	Q9R1K0	Q9rlk0 rattus norv
887	93	7.4	385	2	Q925U3	Q925u3 mus musculus	960	92	7.3	480	1	HRA1_MOUSE	Q9rl18 mus musculus
888	93	7.4	388	2	Q8SAW1	Q8saw1 oryza sativ	961	92	7.3	548	2	Q96NZ8	Q96nz8 homo sapien
889	93	7.4	443	1	FBL4_HUMAN	Q95967 homo sapien	962	92	7.3	554	1	CO9_RAT	Q62930 rattus norv
890	93	7.4	443	2	Q96TF5	Q96tf5 homo sapien	963	92	7.3	598	2	Q6PGN1	Q6pgn1 mus musculus
891	93	7.4	443	2	Q6FH22	Q6fh22 homo sapien	964	92	7.3	645	2	Q97448	Q97448 giardia lam
892	93	7.4	453	2	Q7ZWN4	Q7zwn4 xenopus lae	965	92	7.3	678	2	Q68EY0	Q68ey0 xenopus lae
893	93	7.4	480	2	Q91WS3	Q91ws3 mus musculus	966	92	7.3	714	1	DL11_RAT	P97677 rattus norv
894	93	7.4	480	2	Q9QZK6	Q9qzk6 mus musculus	967	92	7.3	784	2	Q8ENW43	Q8enw43 m mus muscu
895	93	7.4	481	2	Q9VWK3	Q9vwk3 drosophila	968	92	7.3	819	2	Q80UM5	Q80um5 mus musculus
896	93	7.4	498	2	Q80261	Q80261 vibrrio chol	969	92	7.3	858	2	Q8BM06	Q8bm06 mus musculus
897	93	7.4	574	1	CO9_ONCMY	P06682 oncorhynch	970	92	7.3	894	2	Q17429	Q17429 caenorhabdi
898	93	7.4	592	2	Q7R630	Q7r630 giardia lam	971	92	7.3	898	2	Q8MQG2	Q8mqg2 caenorhabdi
899	93	7.4	600	1	EFL5_MOUSE	Q8bh27 mus musculus	972	92	7.3	958	2	Q7PU80	Q7pu80 anopheles g
900	93	7.4	623	2	Q7S2G1	Q7szg1 fugu rubrip	973	92	7.3	960	2	Q8MM07	Q8mm07 caenorhabdi
901	93	7.4	638	2	Q7PMZ7	Q7pmz7 anopheles g	974	92	7.3	997	2	Q7UVJ2	Q7uvj2 rhodopirell
902	93	7.4	640	2	Q09182	Q09182 rattus norv	975	92	7.3	1123	2	Q8C1X4	Q8c1x4 mus musculus
903	93	7.4	685	2	Q7QWD9	Q7qwd9 giardia lam	976	92	7.3	1361	2	Q6PD18	Q6pd18 mus musculus
904	93	7.4	747	2	Q6UWL2	Q6uwl2 homo sapien	977	92	7.3	1428	1	ATRN_MOUSE	Q9w60 mus musculus
905	93	7.4	767	2	Q6NZP0	Q6nzp0 mus musculus	978	92	7.3	1531	1	SLT1_MOUSE	Q80tr4 mus musculus
906	93	7.4	770	2	Q6PL16	Q6pli6 mus musculus	979	92	7.3	1842	1	LTB2_BOVIN	Q28019 bos taurus
907	93	7.4	771	2	Q8BHR9	Q8bhr9 mus musculus	980	92	7.3	2112	2	Q8WFL0	Q8wfl0 oikopleura

981	92	7.3	2419	2	Q7PXZ1	Q7pxz1 anopheles g	1054	90.5	7.2	271	1	TNR4_RAT	P15725 rattus norv
982	92	7.3	7524	2	Q6PZE0	Q6pre0 mus musculus	1055	90.5	7.2	283	2	Q7PNW4	Q6pnw4 anopheles g
983	91.5	7.3	123	1	WFD2_PTG	Q8mi69 sus scrofa	1056	90.5	7.2	344	1	FS4_HORSE	Q62650 equus caball
984	91.5	7.3	155	1	NEU4_CATCO	P16229 catostomus	1057	90.5	7.2	359	2	Q7EF57	Q7pf57 anopheles g
985	91.5	7.3	205	2	Q8CJAO	Q8c7a0 mus musculus	1058	90.5	7.2	461	2	Q8T4N2	Q8t4n2 rhipicephal
986	91.5	7.3	274	2	Q9M7I5	Q9m7i5 zea mays (m	1059	90.5	7.2	476	2	Q7QZ50	Q7qz50 giardia lam
987	91.5	7.3	275	2	Q8QWM9	Q8qwm9 mus musculus	1060	90.5	7.2	489	2	Q8AYE5	Q8aye5 gallus gall
988	91.5	7.3	276	2	Q7IPE5	Q7i1f55 mus musculus	1061	90.5	7.2	504	2	Q7QWR4	Q7qwr4 giardia lam
989	91.5	7.3	349	2	Q6FHL8	Q6fhl8 homo sapien	1062	90.5	7.2	531	2	Q9VW31	Q9vw31 drosophila
990	91.5	7.3	547	1	C09_HORSE	P481770 equus caball	1063	90.5	7.2	725	2	Q8W5M3	Q8w5m3 cryza sativ
991	91.5	7.3	642	2	Q91X17	Q91x17 mus musculus	1064	90.5	7.2	725	2	Q7XH77	Q7xh77 cryza sativ
992	91.5	7.3	702	2	Q7Q858	Q7q858 anopheles g	1065	90.5	7.2	726	2	Q8AW87	Q8aw87 cynops pyrr
993	91.5	7.3	732	2	Q7SGQ8	Q7sgq8 neurospora	1066	90.5	7.2	761	2	Q9BHY3	Q9bhy3 leishmania
994	91.5	7.3	784	2	Q95JH1	Q95jh1 sus scrofa	1067	90.5	7.2	764	2	Q7QZ49	Q7qz49 giardia lam
995	91.5	7.3	784	2	Q9TUN5	Q9tun5 sus scrofa	1068	90.5	7.2	824	2	Q6ES04	Q6es04 oikopleura
996	91.5	7.3	786	2	Q21027	Q21027 caenorhabdi	1069	90.5	7.2	842	2	Q7Q3I1	Q7q3i1 anopheles g
997	91.5	7.3	805	2	Q9PTY3	Q9pty3 paratrichthy	1070	90.5	7.2	894	2	Q818V7	Q818v7 giardia lam
998	91.5	7.3	881	2	Q9W0A0	Q9w0a0 drosophila	1071	90.5	7.2	1019	1	LFC_TACTR	P28175 tachypleus
999	91.5	7.3	983	2	Q6W8X1	Q6w8x1 mus musculus	1072	90.5	7.2	1134	1	FND3_HUMAN	Q9y2h6 homo sapien
1000	91.5	7.3	1024	2	Q9BX11	Q9bx11 homo sapien	1073	90.5	7.2	1188	2	Q9SV59	Q9sv59 arabidopsis
1001	91.5	7.3	1064	1	FBP1_STRPU	P10079 strongyloce	1074	90.5	7.2	1198	2	Q6EVH4	Q6evh4 homo sapien
1002	91.5	7.3	1120	2	Q96EL5	Q96el5 homo sapien	1075	90.5	7.2	1349	2	Q6FGN0	Q6fgn0 mus musculus
1003	91.5	7.3	1154	2	Q9GQ46	Q9gq46 giardia lam	1076	90.5	7.2	1560	2	Q8CGM1	Q8cgm1 mus musculus
1004	91.5	7.3	1193	1	LMG2_HUMAN	Q13753 homo sapien	1077	90.5	7.2	1581	1	LMG3_MOUSE	Q9r0b6 mus musculus
1005	91.5	7.3	1373	2	Q75372	Q75372 homo sapien	1078	90.5	7.2	1625	2	Q6MVD4	Q6mvd4 neurospora
1006	91.5	7.3	1376	2	Q7S5H8	Q7s5h8 neurospora	1079	90.5	7.2	2104	2	Q21281	Q21281 caenorhabdi
1007	91.5	7.3	1722	2	Q19350	Q19350 caenorhabdi	1080	90.5	7.2	2104	2	Q964N4	Q964n4 caenorhabdi
1008	91.5	7.3	1786	1	LMB1_MOUSE	P02469 mus musculus	1081	90.5	7.2	2144	1	CLR2_RAT	Q9qyp2 rattus norv
1009	91.5	7.3	2132	1	PGCA_MOUSE	Q61282 mus musculus	1082	90.5	7.2	2656	2	Q9GNUM3	Q9gnum3 paracentrot
1010	91.5	7.3	2280	2	Q9V8E6	Q9v8e6 drosophila	1083	90.5	7.2	3084	1	LM1_MOUSE	P19137 mus musculus
1011	91.5	7.3	2302	2	Q9N693	Q9n693 drosophila	1084	90.5	7.2	3301	1	CLR3_MOUSE	Q91z10 mus musculus
1012	91.5	7.3	2310	2	Q9GBA9	Q9gba9 drosophila	1085	90.5	7.2	3313	1	CLR3_RAT	Q88278 rattus norv
1013	91.5	7.3	3102	2	Q45614	Q45614 caenorhabdi	1086	90.5	7.2	5179	1	MUC2_HUMAN	Q02817 homo sapien
1014	91	7.2	78	2	Q9SVT5	Q9svt5 homarus ame	1087	90	7.1	249	2	Q6Z8U0	Q6z8u0 cryza sativ
1015	91	7.2	79	2	Q9BIE9	Q9bie9 aedes aegypt	1088	90	7.1	326	2	Q7Z280	Q7z280 brachydanio
1016	91	7.2	149	2	Q6VQP4	Q6vqp4 crassostrea	1089	90	7.1	394	2	Q9CQ47	Q9c947 giardia lam
1017	91	7.2	212	2	Q7PYA0	Q7pya0 anopheles g	1090	90	7.1	432	2	Q8I4B8	Q8i4b8 caenorhabdi
1018	91	7.2	249	2	Q8VP19	Q8vr19 myxococcus	1091	90	7.1	443	2	Q9JM06	Q9jm06 mus musculus
1019	91	7.2	255	1	K102_HUMAN	P60368 homo sapien	1092	90	7.1	466	2	Q8MLE2	Q8mie2 drosophila
1020	91	7.2	295	2	Q9BKP2	Q9bkp2 caenorhabdi	1093	90	7.1	476	2	Q80890	Q80890 herpesvirus
1021	91	7.2	327	2	Q86J05	Q86j05 dictyosteli	1094	90	7.1	496	2	Q9SDF8	Q9sdf8 cryza sativ
1022	91	7.2	443	1	FBL4_CRIGR	O55058 cricetus	1095	90	7.1	537	2	Q86AV8	Q86av8 dictyosteli
1023	91	7.2	510	2	Q6SC78	Q6sc78 aspergillus	1096	90	7.1	561	2	Q8ITH4	Q8ibg4 drosophila
1024	91	7.2	533	2	Q9FJJO	Q9fjjo arabidopsis	1097	90	7.1	589	1	SPY_DROME	Q44783 drosophila
1025	91	7.2	548	2	Q9GQ45	Q9gq45 giardia lam	1098	90	7.1	589	2	Q6AWR4	Q6awr4 drosophila
1026	91	7.2	557	2	Q24992	Q24992 giardia lam	1099	90	7.1	618	2	Q7PYW7	Q7pyw7 anopheles g
1027	91	7.2	579	2	Q7QSK9	Q7qsk9 giardia lam	1100	90	7.1	833	1	DL_DROME	P10041 drosophila
1028	91	7.2	585	1	C08A_RABIT	P98136 cryctolagus	1101	90	7.1	867	2	Q6NN99	Q6nn99 drosophila
1029	91	7.2	703	2	Q8CC97	Q8cc97 mus musculus	1102	90	7.1	867	2	Q9V7P3	Q9v7p3 drosophila
1030	91	7.2	709	2	Q69ZT4	Q69zt4 mus musculus	1103	90	7.1	912	2	Q76NT5	Q76nt5 dictyosteli
1031	91	7.2	820	2	Q9FFK8	Q9ffk8 arabidopsis	1104	90	7.1	929	2	Q8MLI6	Q8mli6 drosophila
1032	91	7.2	835	2	Q6DFY6	Q6dfy6 mus musculus	1105	90	7.1	934	1	C06_PANTR	P61134 pan troglod
1033	91	7.2	862	1	MCDL_RAT	Q9jik1 rattus norv	1106	90	7.1	934	1	C06_PONPY	P61135 pongo pygma
1034	91	7.2	886	2	Q22016	Q22016 cylindrothe	1107	90	7.1	955	2	Q6DE79	Q6de79 xenopus lae
1035	91	7.2	942	2	Q7QYW9	Q7qyw9 giardia lam	1108	90	7.1	963	1	TSP4_MOUSE	Q9zlt2 mus musculus
1036	91	7.2	955	1	TSP4_XENLA	Q06441 xenopus lae	1109	90	7.1	1042	2	Q7YTX8	Q7ytx8 drosophila
1037	91	7.2	991	2	Q75WG0	Q75wg0 penaeus jep	1110	90	7.1	1042	2	Q9V7P4	Q9v7p4 drosophila
1038	91	7.2	1011	2	Q756R4	Q756r4 ashbya goss	1111	90	7.1	1042	2	Q9V7P4	Q9v7p4 leishmania
1039	91	7.2	1028	2	Q9JLL0	Q9jll0 mus musculus	1112	90	7.1	1134	2	Q9N9U7	Q9n9u7 leishmania
1040	91	7.2	1069	1	ENTK_MOUSE	P97435 mus musculus	1113	90	7.1	1184	2	Q8GV58	Q8gv58 homo sapien
1041	91	7.2	1231	2	Q8IU11	Q8iui1 homo sapien	1114	90	7.1	1335	2	Q7R1M3	Q7rlm3 giardia lam
1042	91	7.2	1275	2	Q99PW0	Q99pw0 rattus norv	1115	90	7.1	1370	2	Q6C3B8	Q6c3b8 yarrowia li
1043	91	7.2	1302	1	LTB3_HUMAN	Q9ns15 homo sapien	1116	90	7.1	1792	2	O57484	Q57484 gallus gall
1044	91	7.2	1376	1	CRBH_HUMAN	P82279 homo sapien	1117	90	7.1	1801	1	LMB2_RAT	P15900 rattus norv
1045	91	7.2	1406	2	Q8WWY0	Q8wwy0 homo sapien	1118	90	7.1	2641	2	Q9BXD4	Q9bx44 homo sapien
1046	91	7.2	1432	2	Q99J86	Q99j86 rattus norv	1119	90	7.1	2812	1	ZAN_HUMAN	Q9y493 homo sapien
1047	91	7.2	1844	2	Q22579	Q22579 caenorhabdi	1120	90	7.1	2847	2	O15018	O15018 homo sapien
1048	91	7.2	2570	1	SBN1_HUMAN	Q9ny15 homo sapien	1121	90	7.1	3543	2	Q7PPU8	Q7ppu8 anopheles g
1049	91	7.2	2704	1	G168_PAPPR	P17053 parametium	1122	90	7.1	4007	1	FRS1_HUMAN	Q86xx4 homo sapien
1050	91	7.2	2813	1	VWF_HUMAN	P04275 homo sapien	1123	89.5	7.1	123	2	Q9NCQ9	Q9ncq9 dendroides
1051	90.5	7.2	145	2	Q8WQ22	Q8wq22 locusta mig	1124	89.5	7.1	198	2	Q6QJA3	Q6qja3 chrysospori
1052	90.5	7.2	169	1	LSHB_EQUUBU	O46641 equus burch	1125	89.5	7.1	219	2	Q7Z7L6	Q7z7l6 homo sapien
1053	90.5	7.2	176	2	Q9XV22	Q9xv22 caenorhabdi	1126	89.5	7.1	237	2	Q8IVT0	Q8ivt0 homo sapien

1127	89.5	7.1	239	2	Q9D4B3	Q9d4b3 mus musculus	1200	89	7.1	917	2	Q9V4B8	Q9v4b8 drosophila
1128	89.5	7.1	287	1	Q8MVJ7	Q8mvj7 boltonia vi	1201	89	7.1	934	1	CO6_HUMAN	P13671 homo sapien
1129	89.5	7.1	298	1	K1OB_HUMAN	P60412 homo sapien	1202	89	7.1	993	2	Q66PY1	Q66py1 mus musculus
1130	89.5	7.1	303	2	Q8C5Y4	Q8c5y4 mus musculus	1203	89	7.1	1035	2	Q9NEG1	Q9neg1 drosophila
1131	89.5	7.1	304	1	WBPI_MOUSE	P97764 mus musculus	1204	89	7.1	1070	2	Q96JG5	Q96jg5 homo sapien
1132	89.5	7.1	328	2	Q6GLZ4	Q6glz4 xenopus lae	1205	89	7.1	1091	2	Q7YU78	Q7yu78 drosophila
1133	89.5	7.1	361	2	Q9AVB0	Q9avb0 phytolacca	1206	89	7.1	1184	1	FBL2_HUMAN	P98095 homo sapien
1134	89.5	7.1	376	2	Q9SLM0	Q9slm0 macaca fasc	1207	89	7.1	1231	2	Q81UI0	Q81ui0 homo sapien
1135	89.5	7.1	470	1	PROP_CAVPO	Q84181 cavia porce	1208	89	7.1	1236	2	Q9NVF9	Q9nvf9 drosophila
1136	89.5	7.1	558	2	Q8BI84	Q8bib4 mus musculus	1209	89	7.1	1238	2	Q9VJW9	Q9vjw9 drosophila
1137	89.5	7.1	604	2	Q86777	Q867t7 dictyosteli	1210	89	7.1	1239	2	Q94902	Q94902 drosophila
1138	89.5	7.1	655	1	TR21_MOUSE	Q8epu5 mus musculus	1211	89	7.1	1521	1	SLT2_MOUSE	Q8rlb9 mus musculus
1139	89.5	7.1	661	2	Q8MS79	Q8ms79 drosophila	1212	89	7.1	1785	2	Q8JHV7	Q8jhw7 brachydanio
1140	89.5	7.1	683	2	Q7QH35	Q7qh35 anopheles g	1213	89	7.1	1806	2	Q96TG0	Q96tgo homo sapien
1141	89.5	7.1	772	2	Q6R267	Q6r267 homo sapien	1214	89	7.1	2282	1	ZAN_RABIT	P57999 oryctolagus
1142	89.5	7.1	772	2	Q7IS64	Q7is64 homo sapien	1215	89	7.1	2725	2	Q9UKZ4	Q9ukz4 homo sapien
1143	89.5	7.1	784	2	Q6C185	Q6ci85 yarrowia li	1216	89	7.1	3075	1	LMAL_HUMAN	P25391 homo sapien
1144	89.5	7.1	796	2	Q71S65	Q71s65 homo sapien	1217	89	7.1	3110	1	LMA2_HUMAN	P24043 homo sapien
1145	89.5	7.1	797	2	Q71S61	Q71s61 homo sapien	1218	89	7.1	3277	2	Q6VU67	Q6vu67 homo sapien
1146	89.5	7.1	814	1	AD15_HUMAN	Q13444 homo sapien	1219	89	7.1	3333	2	Q6VU68	Q6vu68 homo sapien
1147	89.5	7.1	821	2	Q71S62	Q71s62 homo sapien	1220	89	7.1	3333	2	Q76E14	Q76e14 homo sapien
1148	89.5	7.1	822	2	Q71S63	Q71s63 homo sapien	1221	88.5	7.0	179	2	Q9FTR9	Q9ftr9 oryza sativ
1149	89.5	7.1	838	2	Q71S66	Q71s66 homo sapien	1222	88.5	7.0	187	2	Q6L8G7	Q6l8g7 homo sapien
1150	89.5	7.1	838	2	Q9VQ29	Q9vq29 drosophila	1223	88.5	7.0	187	2	Q6UTX6	Q6utx6 homo sapien
1151	89.5	7.1	839	2	Q71S68	Q71s68 homo sapien	1224	88.5	7.0	194	1	KRUB_HUMAN	Q75690 homo sapien
1152	89.5	7.1	862	2	Q71S67	Q71s67 homo sapien	1225	88.5	7.0	217	2	Q658F7	Q658f7 oryza sativ
1153	89.5	7.1	863	2	Q71S69	Q71s69 homo sapien	1226	88.5	7.0	222	2	Q7XZ47	Q7xz47 griffithsia
1154	89.5	7.1	1048	2	Q8AWM5	Q8aww5 gallus gall	1227	88.5	7.0	291	1	IBP3_HUMAN	P17936 homo sapien
1155	89.5	7.1	1065	2	Q810H2	Q810h2 mus musculus	1228	88.5	7.0	353	2	Q8BHG3	Q8bhg3 m mus muscu
1156	89.5	7.1	1131	2	Q75DJ5	Q75dj5 ashbya goss	1229	88.5	7.0	454	2	Q9NAX4	Q9nax4 dictyosteli
1157	89.5	7.1	1165	2	Q9BJ47	Q9bj47 leishmania	1230	88.5	7.0	576	2	Q6UXZ9	Q6uxz9 homo sapien
1158	89.5	7.1	1205	2	Q8K0P6	Q8k0p6 mus musculus	1231	88.5	7.0	595	1	TNR8_HUMAN	P28908 homo sapien
1159	89.5	7.1	1282	2	Q8TER0	Q8ter0 homo sapien	1232	88.5	7.0	610	1	MUC4_HUMAN	Q99102 homo sapien
1160	89.5	7.1	1403	2	Q70E20	Q70e20 mus musculus	1233	88.5	7.0	615	2	Q7SL17	Q7sl17 neurospora
1161	89.5	7.1	1417	2	Q7XCW1	Q7xcw1 oryza sativ	1234	88.5	7.0	615	2	Q22886	Q22886 caenorhabdi
1162	89.5	7.1	1417	2	Q9FWG3	Q9fwg3 oryza sativ	1235	88.5	7.0	616	1	ECAR_EHCA	Q30495 echis carin
1163	89.5	7.1	1501	2	Q75JA5	Q75ja5 dictyosteli	1236	88.5	7.0	638	2	Q8NBH6	Q8nbh6 homo sapien
1164	89.5	7.1	1640	2	Q7Q410	Q7q410 anopheles g	1237	88.5	7.0	680	2	Q9QW15	Q9qw15 mus sp. bet
1165	89.5	7.1	1870	2	Q6GKZ7	Q6gkz7 drosophila	1238	88.5	7.0	703	1	FBL1_HUMAN	P23142 homo sapien
1166	89.5	7.1	1877	1	PKC5_MOUSE	Q4592 mus musculus	1239	88.5	7.0	729	2	Q6GPT6	Q6gpt6 xenopus lae
1167	89.5	7.1	2233	1	Q94711	Q94711 paramecium	1240	88.5	7.0	755	1	COMP_MOUSE	Q9r0g6 mus musculus
1168	89.5	7.1	2333	1	PGCA_CANFA	Q28343 canis famil	1241	88.5	7.0	755	2	Q8VI54	Q8vi54 mus musculus
1169	89.5	7.1	2923	1	CLR2_HUMAN	Q9hcu4 homo sapien	1242	88.5	7.0	778	2	Q91BG4	Q91bg4 xenopus lae
1170	89	7.1	148	2	O16122	O16122 tenebrio mo	1243	88.5	7.0	787	1	ITB3_MOUSE	O54890 mus musculus
1171	89	7.1	170	1	IMPI_GALME	P82176 gallieria me	1244	88.5	7.0	802	2	Q7JL02	Q7jl02 caenorhabdi
1172	89	7.1	197	2	Q7R0J0	Q7r0j0 giardia lam	1245	88.5	7.0	810	2	Q7T117	Q7t117 brachydanio
1173	89	7.1	222	2	Q99K77	Q99k77 mus musculus	1246	88.5	7.0	831	2	Q9PU49	Q9pu49 gallus gall
1174	89	7.1	223	2	Q9ERN7	Q9ern7 mus musculus	1247	88.5	7.0	870	2	P87585	P87585 citrullus latt
1175	89	7.1	257	2	Q8BJD6	Q8bjd6 mus musculus	1248	88.5	7.0	949	2	P90956	P90956 caenorhabdi
1176	89	7.1	270	2	Q9V189	Q9v189 drosophila	1249	88.5	7.0	950	2	Q8CGY7	Q8cgy7 mus musculus
1177	89	7.1	279	2	Q14888	Q14888 homo sapien	1250	88.5	7.0	989	2	Q802C1	Q802c1 xenopus lae
1178	89	7.1	330	2	Q6ZWP6	Q6zwp6 homo sapien	1251	88.5	7.0	1017	2	Q84P66	Q84p66 oryza sativ
1179	89	7.1	340	2	Q91TN8	Q91tn8 tupaiid her	1252	88.5	7.0	1071	2	Q960B5	Q960b5 drosophila
1180	89	7.1	413	2	Q7QTT4	Q7qtt4 giardia lam	1253	88.5	7.0	1071	2	Q9VUJ2	Q9vu12 drosophila
1181	89	7.1	415	2	Q8CAP0	Q8cat0 mus musculus	1254	88.5	7.0	1089	2	Q8T3A0	Q8t3a0 ciona intes
1182	89	7.1	463	2	Q68QP3	Q68qf3 lithobius f	1255	88.5	7.0	1117	2	Q652W3	Q652w3 oryza sativ
1183	89	7.1	495	2	Q9GQ43	Q9gq43 giardia lam	1256	88.5	7.0	1134	1	FND3_MOUSE	Q8bx90 mus musculus
1184	89	7.1	500	2	Q6ZNL1	Q6znl1 homo sapien	1257	88.5	7.0	1222	2	Q7PPC0	Q7ppc0 anopheles g
1185	89	7.1	533	2	Q7QUV9	Q7quv9 giardia lam	1258	88.5	7.0	1444	2	Q9VTN2	Q9vtn2 drosophila
1186	89	7.1	542	2	Q7Q0Z8	Q7q0z8 anopheles g	1259	88.5	7.0	1511	2	Q7QAA3	Q7qa3 anopheles g
1187	89	7.1	548	1	CO9_MOUSE	P06683 mus musculus	1260	88.5	7.0	1514	2	Q8SY55	Q8sy55 drosophila
1188	89	7.1	586	2	Q9L0T7	Q9l0t7 streptomyce	1261	88.5	7.0	1918	1	KE04_HUMAN	Q9p263 homo sapien
1189	89	7.1	604	2	Q6T3J7	Q6t3j7 drosophila	1262	88.5	7.0	2144	2	Q9ULU2	Q9ulu2 homo sapien
1190	89	7.1	647	2	Q7LZ69	Q7lzf9 notophthalm	1263	88.5	7.0	2802	2	Q9DERS	Q9der5 gallus gall
1191	89	7.1	662	2	Q9VSK1	Q9vsk1 drosophila	1264	88.5	7.0	2898	2	Q9VLT6	Q9vlt6 drosophila
1192	89	7.1	717	2	F87357	P87357 brachydanio	1265	88	7.0	78	2	Q9SVT8	Q9svt8 homarus ame
1193	89	7.1	720	2	Q8UWJ4	Q8uwj4 brachydanio	1266	88	7.0	154	2	Q7XLD7	Q7xld7 oryza sativ
1194	89	7.1	738	2	Q90Z45	Q90z45 gallus gall	1267	88	7.0	186	2	Q91LR5	Q91lr5 vaccinia vi
1195	89	7.1	751	2	Q9GYX3	Q9gyx3 drosophila	1268	88	7.0	241	1	TR18_HUMAN	Q9y5u5 homo sapien
1196	89	7.1	751	2	Q9W2H2	Q9w2h2 drosophila	1269	88	7.0	256	1	FSL3_RAT	Q99pw7 rattus norv
1197	89	7.1	862	1	NPP2_MOUSE	Q9rl66 m ectonucle	1270	88	7.0	261	2	Q7PZX4	Q7pzx4 anopheles g
1198	89	7.1	862	2	Q6PD50	Q6pd50 mus musculus	1271	88	7.0	282	1	IBP7_HUMAN	Q16270 homo sapien
1199	89	7.1	872	2	Q26045	Q26045 proliferati	1272	88	7.0	332	2	Q7PMJ2	Q7pmj2 anopheles g

1273	88	7.0	346	2	Q86VJ5	Q86vj5 homo sapien
1274	88	7.0	377	2	Q8STF9	Q8stf9 dictyosteli
1275	88	7.0	451	2	Q86GK4	Q86gk4 ancyllostoma
1276	88	7.0	489	2	Q86VNS	Q86vns homo sapien
1277	88	7.0	500	1	Lr11_HUMAN	Q86vz4 homo sapien
1278	88	7.0	505	2	Q7SC14	Q7sc14 neurospora
1279	88	7.0	512	2	Q6P373	Q6p373 xenopus tro
1280	88	7.0	515	2	Q9UK23	Q9uk23 homo sapien
1281	88	7.0	553	2	Q6MWP3	Q6mwp3 neurospora
1282	88	7.0	559	2	Q86XK9	Q86xk9 homo sapien
1283	88	7.0	581	2	Q8NAV8	Q8nav8 homo sapien
1284	88	7.0	604	2	Q61EP9	Q61ep9 oryza sativ
1285	88	7.0	616	2	Q20852	Q20852 caenorhabdi
1286	88	7.0	634	1	HWPI_CANAL	P46593 candida alb
1287	88	7.0	637	2	Q6ZH52	Q6zh52 oryza sativ
1288	88	7.0	655	1	ITB5_PAPCY	Q07441 papio cynoc
1289	88	7.0	655	1	TR21_HUMAN	Q75509 homo sapien
1290	88	7.0	660	2	Q75J88	Q75j88 dictyosteli
1291	88	7.0	669	2	Q75441	Q75441 homo sapien
1292	88	7.0	677	1	SP87_DICDI	P54643 dictyosteli
1293	88	7.0	686	2	Q9DBU9	Q9dbu9 mus musculu
1294	88	7.0	700	2	Q8TG00	Q8tg00 aspergillus
1295	88	7.0	721	2	Q818V6	Q818v6 giardia lam
1296	88	7.0	750	2	Q9HFZ4	Q9hfz4 candida alb
1297	88	7.0	754	1	AD07_HUMAN	Q9h2u9 homo sapien
1298	88	7.0	779	2	Q9V5D4	Q9v5d4 drosophila
1299	88	7.0	880	2	Q8NAU9	Q8nau9 homo sapien
1300	88	7.0	992	2	Q860Z9	Q86uz9 homo sapien
1301	88	7.0	993	2	Q81X30	Q81x30 homo sapien
1302	88	7.0	1019	1	LFC_CARRO	Q26422 carcinoscor
1303	88	7.0	1074	1	SM5A_HUMAN	Q13591 homo sapien
1304	88	7.0	1132	2	Q6P6T8	Q6p6t8 rattus norv
1305	88	7.0	1133	1	EGF_RAT	P07522 rattus norv
1306	88	7.0	1196	2	Q867A2	Q867a2 canis famli
1307	88	7.0	1216	2	Q90Y55	Q90y55 brachydanio
1308	88	7.0	1254	2	Q90Y56	Q90y56 brachydanio
1309	88	7.0	1254	2	Q9YHU2	Q9yhu2 brachydanio
1310	88	7.0	1274	2	Q9NGL3	Q9ngl3 giardia lam
1311	88	7.0	1299	2	Q8MQ37	Q8mq37 caenorhabdi
1312	88	7.0	3687	2	Q9W332	Q9w332 drosophila
1313	87.5	6.9	252	2	Q919S0	Q919s0 tympanuchus
1314	87.5	6.9	263	1	FSL3_HUMAN	Q95633 homo sapien
1315	87.5	6.9	267	2	Q02764	Q02764 oryctolagus
1316	87.5	6.9	283	2	Q7SPQ1	Q7spq1 neurospora
1317	87.5	6.9	311	2	Q40691	Q40691 oryza sativ
1318	87.5	6.9	317	2	Q6FHE1	Q6fhe1 homo sapien
1319	87.5	6.9	317	2	Q8BNY0	Q8bny0 mus musculu
1320	87.5	6.9	344	1	FSA_MOUSE	P47931 mus musculu
1321	87.5	6.9	344	1	FSA_RAT	P21674 rattus norv
1322	87.5	6.9	344	2	Q6A1L0	Q6a1l0 sus scrofa
1323	87.5	6.9	383	2	Q04397	Q04397 epstein-bar
1324	87.5	6.9	383	2	Q8AZK0	Q8azk0 human herpe
1325	87.5	6.9	383	2	Q8AZK1	Q8azk1 human herpe
1326	87.5	6.9	383	2	Q8AZK2	Q8azk2 human herpe
1327	87.5	6.9	383	2	Q8AZK3	Q8azk3 human herpe
1328	87.5	6.9	383	2	Q8AZK4	Q8azk4 human herpe
1329	87.5	6.9	383	2	Q8AZK5	Q8azk5 human herpe
1330	87.5	6.9	383	2	Q8AZK6	Q8azk6 human herpe
1331	87.5	6.9	383	2	Q8AZK8	Q8azk8 human herpe
1332	87.5	6.9	385	2	Q61R79	Q61r79 xenopus lae
1333	87.5	6.9	399	2	Q919S1	Q919s1 tympanuchus
1334	87.5	6.9	408	2	Q6QJ04	Q6qj04 theromyzon
1335	87.5	6.9	417	2	Q9Y409	Q9y409 homo sapien
1336	87.5	6.9	420	2	Q8NFT4	Q8nft4 homo sapien
1337	87.5	6.9	422	2	Q96HD1	Q96hd1 homo sapien
1338	87.5	6.9	487	2	Q8MSX5	Q8msx5 drosophila
1339	87.5	6.9	493	2	Q7ZTJ2	Q7ztj2 xenopus lae
1340	87.5	6.9	499	2	Q7QSE0	Q7qse0 giardia lam
1341	87.5	6.9	555	1	DP87_DICDI	Q04503 dictyosteli
1342	87.5	6.9	559	2	Q9VN36	Q9vn36 drosophila
1343	87.5	6.9	576	2	Q8TEU8	Q8teu8 homo sapien
1344	87.5	6.9	742	2	Q818V3	Q818v3 giardia lam
1345	87.5	6.9	769	1	ITB2_BOVIN	P32592 bos taurus

Q6dj39 xenopus lae	780	2	Q6DJD9	Q6dj39 xenopus lae
O18510 trichoplusi	788	2	O18510	O18510 trichoplusi
O18511 trichoplusi	807	2	O18511	O18511 trichoplusi
Q76194 petunia hyb	814	2	Q76194	Q76194 petunia hyb
Q61nm0 xenopus lae	830	2	Q61NM0	Q61nm0 xenopus lae
Q6p4z4 xenopus tro	904	2	Q6P4Z4	Q6p4z4 xenopus tro
Q7r6j7 giardia lam	1025	2	Q7R6J7	Q7r6j7 giardia lam
Q26423 carcinoscor	1083	2	Q26423	Q26423 carcinoscor
Q59920 pneumocyvati	1265	2	Q59920	Q59920 pneumocyvati
Q769i3 ciona intes	1308	2	Q769I3	Q769i3 ciona intes
Q9jlp3 mus musculu	1461	2	Q9JLP3	Q9jlp3 mus musculu
Q7k6h7 drosophila	1537	2	Q7KSH7	Q7k6h7 drosophila
Q6vu69 homo sapien	1668	2	Q6VU69	Q6vu69 homo sapien
Q8SXB0 drosophila	1688	2	Q8SXB0	Q8sxb0 drosophila
Q860p5 xenopus lae	2030	2	Q860P5	Q860p5 xenopus lae
Q98ui9 gallus gall	2108	2	Q98UI9	Q98ui9 gallus gall
Q19040 drosophila	2139	1	CRB_DROME	Q19040 drosophila
Q19482 caenorhabdi	2610	2	Q19482	Q19482 caenorhabdi
Q94710 paramecium	2717	2	Q94710	Q94710 paramecium
Q6pqk6 paramecium	2729	2	Q6PQK6	Q6pqk6 paramecium
Q8ci28 mus musculu	2813	2	Q8CI28	Q8ci28 mus musculu
Q21133 caenorhabdi	3672	1	LML2_CABEL	Q21133 caenorhabdi
P91904 caenorhabdi	3704	2	P91904	P91904 caenorhabdi
Q6vf97 strongyloce	3712	2	Q6VF97	Q6vf97 strongyloce
Q962g0 littorina l	3712	2	Q962G0	Q962g0 littorina l
Q9ncr2 dendroides	100	2	Q9NCR2	Q9ncr2 dendroides
P00372 methylolact	136	2	P00372	P00372 methylolact
Q981c0 arabidopsis	186	1	DMML_METEX	Q981c0 arabidopsis
Q918b9 polyangium	212	2	Q9SLC0	Q918b9 polyangium
O15165 homo sapien	288	2	Q91L8B9	O15165 homo sapien
Q8bwj4 mus musculu	306	1	C181_HUMAN	Q8bwj4 mus musculu
Q6czr0 erwinia car	306	2	Q6CZR0	Q6czr0 erwinia car
Q805y6 cercopithec	338	2	Q805Y6	Q805y6 cercopithec
P55956 caenorhabdi	379	2	P55956	P55956 caenorhabdi
Q9ha19 homo sapien	398	1	ASF3_CABEL	Q9ha19 homo sapien
Q871k8 neurospora	442	2	Q9HA19	Q871k8 neurospora
Q9ky45 streptomyce	449	2	Q9KY45	Q9ky45 streptomyce
Q9u211 caenorhabdi	534	2	Q9U211	Q9u211 caenorhabdi
Q715a3 homo sapien	538	2	Q715A3	Q715a3 homo sapien
Q9p1y9 homo sapien	543	2	Q9P1Y9	Q9p1y9 homo sapien
Q8qgv1 cyprinus ca	569	2	Q8QGV1	Q8qgv1 cyprinus ca
Q7pul0 anopheles g	612	2	Q7PUL0	Q7pul0 anopheles g
Q6mw74 oryza sativ	662	2	Q6MW74	Q6mw74 oryza sativ
Q7xp38 oryza sativ	673	2	Q7XP38	Q7xp38 oryza sativ
Q9j171 mus musculu	686	1	DLI4_MOUSE	Q9j171 mus musculu
Q28475 macaca fasc	776	1	AD07_MACPA	Q28475 macaca fasc
Q9na87 anopheles g	837	2	Q9NAS7	Q9na87 anopheles g
Q7qe55 anopheles g	871	2	Q7QE55	Q7qe55 anopheles g
Q9u79 homo sapien	890	1	ATS8_HUMAN	Q9u79 homo sapien
O46354 caenorhabdi	922	2	O46354	O46354 caenorhabdi
Q21418 caenorhabdi	922	2	Q21418	Q21418 caenorhabdi
Q08294 saccharomyc	967	2	Q08294	Q08294 saccharomyc
Q05164 saccharomyc	1001	2	Q05164	Q05164 saccharomyc
Q06981 leishmania	1159	2	Q06981	Q06981 leishmania
Q61087 mus musculu	1168	1	LMB3_MOUSE	Q61087 mus musculu
Q8uwd0 tetraodon n	1250	2	Q8UWD0	Q8uwd0 tetraodon n
Q9gm8 caenorhabdi	1308	2	Q9GPM8	Q9gm8 caenorhabdi
Q7kuk9 drosophila	1501	2	Q7KUK9	Q7kuk9 drosophila
Q94813 homo sapien	1529	1	SLT2_HUMAN	Q94813 homo sapien
Q7q3i9 anopheles g	1659	2	Q7Q3I9	Q7q3i9 anopheles g
Q7p3p5 anopheles g	1823	2	Q7PRP5	Q7p3p5 anopheles g
Q7qk12 anopheles g	2633	2	Q7QK12	Q7qk12 anopheles g
Q9qzr8 rattus norv	2766	2	Q9QZR8	Q9qzr8 rattus norv
Q9ncr0 dendroides	129	2	Q9NCR0	Q9ncr0 dendroides
Q9d732 mus musculu	168	2	Q9D732	Q9d732 mus musculu
Q9v9q7 drosophila	175	2	Q9V9Q7	Q9v9q7 drosophila
Q9c2r4 neurospora	190	2	Q9C2R4	Q9c2r4 neurospora
Q657s4 oryza sativ	240	2	Q657S4	Q657s4 oryza sativ
P60410 homo sapien	259	1	K108_HUMAN	P60410 homo sapien
Q8na90 homo sapien	279	2	Q8NA90	Q8na90 homo sapien
Q6pm6 homo sapien	291	2	Q6PIM6	Q6pm6 homo sapien
Q7xc54 oryza sativ	311	2	Q7XC54	Q7xc54 oryza sativ
Q9aut0 oryza sativ	311	2	Q9AUT0	Q9aut0 oryza sativ

1419	86.5	6.9	334	2	Q24403	Q24403 drosophila
1420	86.5	6.9	334	2	Q9VAV8	Q9VAV8 drosophila
1421	86.5	6.9	334	1	FSA_PIG	P10669 sus scrofa
1422	86.5	6.9	348	2	Q87C00	Q87C03 neurospora
1423	86.5	6.9	350	2	Q9CVA0	Q9CYA0 mus musculus
1424	86.5	6.9	360	2	Q75JW8	Q75JW8 dictyosteli
1425	86.5	6.9	402	2	Q8R2K2	Q8R2K2 mus musculus
1426	86.5	6.9	402	2	Q8RSK1	Q8RSK1 mus musculus
1427	86.5	6.9	402	2	Q91VG1	Q91VG1 mus musculus
1428	86.5	6.9	421	2	Q9NKE1	Q9NKE1 drosophila
1429	86.5	6.9	443	2	Q9H3D5	Q9H3D5 homo sapien
1430	86.5	6.9	486	2	Q7ZW66	Q7ZW66 brachydanio
1431	86.5	6.9	488	2	Q9TYH4	Q9TYH4 schistosoma
1432	86.5	6.9	556	2	Q9NGZ3	Q9NGZ3 giardia lam
1433	86.5	6.9	605	1	WSC4_YEAST	P38739 saccharomyc
1434	86.5	6.9	657	2	Q6L4K3	Q6L4K3 oryza sativ
1435	86.5	6.9	776	1	AD28_MACFA	Q9XSL6 macaca fasc
1436	86.5	6.9	777	2	Q8CAN9	Q8CAN9 mus musculus
1437	86.5	6.9	788	2	Q9TUN3	Q9TUN3 oryctolagus
1438	86.5	6.9	862	2	Q6HQ00	Q6HQ00 rattus norv
1439	86.5	6.9	885	2	Q7R1C5	Q7R1C5 giardia lam
1440	86.5	6.9	961	1	TSP4_HUMAN	P35443 homo sapien
1441	86.5	6.9	984	2	Q8K271	Q8K271 mus musculus
1442	86.5	6.9	1019	2	Q9NA40	Q9NA40 caenorhabdi
1443	86.5	6.9	1030	2	Q7SCH0	Q7SCH0 neurospora
1444	86.5	6.9	1031	2	Q8CJ78	Q8CJ78 mus musculus
1445	86.5	6.9	1039	2	Q8X014	Q8X014 neurospora
1446	86.5	6.9	1081	2	Q7QX85	Q7QX85 giardia lam
1447	86.5	6.9	1127	1	TF1G_HUMAN	Q9UPN9 homo sapien
1448	86.5	6.9	1200	2	Q8VD07	Q8VD07 mus musculus
1449	86.5	6.9	1210	2	Q8EAQ9	Q8EAQ9 dictyosteli
1450	86.5	6.9	1217	1	EGF_MOUSE	P01132 mus musculus
1451	86.5	6.9	1217	2	Q6P5J2	Q6P5J2 mus musculus
1452	86.5	6.9	1455	2	Q86FJ9	Q86FJ9 caenorhabdi
1453	86.5	6.9	1713	1	1MA3_HUMAN	Q16787 homo sapien
1454	86.5	6.9	2813	2	Q6XUV6	Q6XUV6 mus musculus
1455	86	6.8	109	2	Q46346	Q46346 dendroides
1456	86	6.8	136	1	ANTA_HABOF	P15358 haementeria
1457	86	6.8	138	2	Q6UTY0	Q6UTY0 bos taurus
1458	86	6.8	154	2	Q7R3E7	Q7R3E7 giardia lam
1459	86	6.8	158	2	Q653E1	Q653E1 oryza sativ
1460	86	6.8	165	2	Q7JHA3	Q7JHA3 oryctolagus
1461	86	6.8	165	2	Q9GL37	Q9GL37 macaca mulla
1462	86	6.8	165	2	Q99P48	Q99P48 mus musculus
1463	86	6.8	185	2	Q18790	Q18790 caenorhabdi
1464	86	6.8	262	2	Q752P3	Q752P3 sus scrofa
1465	86	6.8	269	2	Q9NVJ8	Q9NVJ8 penaeus sem
1466	86	6.8	272	2	Q9RLJ9	Q9RLJ9 rattus norv
1467	86	6.8	286	2	Q7Q0M8	Q7Q0M8 anopheles g
1468	86	6.8	296	2	Q7QHJ8	Q7QHJ8 anopheles g
1469	86	6.8	307	2	Q7RZE8	Q7RZE8 neurospora
1470	86	6.8	339	2	Q9VUX8	Q9VUX8 drosophila
1471	86	6.8	342	2	Q9G042	Q9G042 giardia lam
1472	86	6.8	356	2	Q7YZV9	Q7YZV9 caenorhabdi
1473	86	6.8	362	2	Q20360	Q20360 caenorhabdi
1474	86	6.8	379	1	PSBP_DICDI	P54704 dictyosteli
1475	86	6.8	413	2	Q9H8S1	Q9H8S1 homo sapien
1476	86	6.8	443	2	Q9H7L8	Q9H7L8 homo sapien
1477	86	6.8	443	2	Q8MZV4	Q8MZV4 halotis so
1478	86	6.8	462	2	Q8WCQ6	Q8WCQ6 caenorhabdi
1479	86	6.8	511	1	Z499_HUMAN	Q96K62 homo sapien
1480	86	6.8	520	2	Q7R013	Q7R013 giardia lam
1481	86	6.8	593	1	GRN_HUMAN	P28799 h granulins
1482	86	6.8	616	2	Q7QX72	Q7QX72 giardia lam
1483	86	6.8	629	2	Q9DKH3	Q9DKH3 rat cytomeg
1484	86	6.8	678	2	Q920A2	Q920A2 mus musculus
1485	86	6.8	681	1	PBL1_BRARE	Q42182 brachydanio
1486	86	6.8	695	2	Q6ZML5	Q6ZML5 homo sapien
1487	86	6.8	723	1	DL11_HUMAN	P00548 homo sapien
1488	86	6.8	799	1	ITB5_HUMAN	P18084 homo sapien
1489	86	6.8	818	2	Q9N1P0	Q9N1P0 bos taurus
1490	86	6.8	885	2	Q9BHY8	Q9BHY8 leishmania
1491	86	6.8	912	1	ANDR_CROCR	Q8MIK0 crocuta cro

ALIGNMENTS

RESULT 1

ID	Q9NPF0	PRELIMINARY;	PRT;	282 AA.
AC	Q9NPF0;			
DT	01-OCT-2000	(T=EMBLrel. 15, Created)		
DT	01-OCT-2000	(T=EMBLrel. 15, Last sequence update)		
DT	25-OCT-2004	(T=EMBLrel. 28, Last annotation update)		
DE	8D6 antigen (Hypothetical protein DKFZp564O1762) (8D6A protein) (SGSW198).			
DE	Name=DKFZp564O1762; Synonyms=8D6A; ORFNames=UNQ198;			
GN	Homo sapiens (Human).			
OS	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.			
OC	NCBI_TaxID=9606;			
OX	[1]			
RN	SEQUENCE FROM N.A.			
RP	Auffray C., Anseorge W., Ballabio A., Estivill X., Gibson K., Lehrach H., Poustka A., Lundeberg J.; Submitted (JUL-2000) to the EMBL/GenBank/DBJ databases.			
RA	[2]			
RP	SEQUENCE FROM N.A.			
RA	Carim L., Estivill X., Escarceller M., Sumoy L.; Submitted (JUL-2000) to the EMBL/GenBank/DBJ databases.			
RL	[3]			
RN	SEQUENCE FROM N.A.			
RP	TISSUE=Brain;			
RG	The German cDNA Consortium;			
RA	Blum H., Bauersachs S., Mewes H.W., Weil B., Amid C., Osanger A., Fobo G., Han M., Wiemann S.; Submitted (SEP-2004) to the EMBL/GenBank/DBJ databases.			
RL	[4]			
RN	SEQUENCE FROM N.A.			
RP	TISSUE=Brain, and Kidney;			
RC	MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;			
RA	Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G., Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D., Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K., Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Haieh F., Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L., Stapleton M., Soares M.B., Donald M.F., Casavant T.L., Scheetz T.E., Brownstein M.J., Ustin T.B., Toshiyuki S., Carninci P., Prange C., Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullaly S.J., Bosak S.A., McSwan P.J., McKernan K.J., Malek J.A., Gumaratne P.H., Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W., Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A., Fahey J., Heiton E., Kettelman M., Madan A., Rodriguez S., Sanchez A., Whitling M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G., Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C., Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S., Krzywicki M.I., Skaleka U., Smailus D.E., Schnerch A., Schein J.E., Jones S.J., Marra M.A.; Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.";			
RT	Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).			
RL	[5]			
RN	SEQUENCE FROM N.A.			
RP	TISSUE=Kidney;			
RC	Strausberg R.; Submitted (NOV-2000) to the EMBL/GenBank/DBJ databases.			
RL				


```
RA Sogabe Y., Suzuki H., Tagami M., Tagawa A., Takahashi F., Tanaka T.,
RA Teijina Y., Toya T., Yamamura T., Yamanaka I., Yasunishi A.,
RA Yoshida K., Yoshino M., Muramatsu M., Hayashizaki Y.,
RA Submitted (APR-2002) to the EMBL/GenBank/DBJ databases.
DR EMBL; AF110520; AAC97969.1; -
DR EMBL; BC026888; AAH26888.1; -
DR EMBL; AF528162; AA017374.1; -
DR EMBL; AK078151; BAC37150.1; -
DR HSSP; P01130; IAJJ.
DR MGD; MGI:1860083; 425018-1.
DR InterPro; IPR002172; LDL receptor_A.
DR Pfam; PF00057; Ldl recept a; 2.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00192; LDLa; 2.
DR PROSITE; PS01209; LDLRA_1; 2.
DR PROSITE; PSS0068; LDLRA_2; 2.
DR Hypothetical protein.
SQ SEQUENCE 260 AA; 27739 MW; 5AA3B6081C8E080C CRC64;

Query Match 46.9%; Score 590.5; DB 2; Length 260;
Best Local Similarity 53.1%; Pred. No. 4.3e-34;
Matches 121; Conservative 16; Mismatches 66; Indels 25; Gaps 4;

QY 6 MAQVGAWRTGALGLALLLGLGLGEEAASPLSTPTSAQAAGPSSGCPPTKFCQRTSG 65
DB 1 MARGGAGRAVALGLVRLFLGLTGLEAAPAP--AHTRVQVSGSRADSCPTDTFQCLTSG 58

QY 66 LCVPLTWCRDRDLDCSDGSDDEECRIEPCCTKQGCQPPPPGLPCPTGVSDSCGTDKCLR 125
DB 59 YCVPLSWRCDDGQDCSDGSDDEECRIESCQNGQCQPSALPCSDNISCSDVSDKNL- 117

QY 126 NCSRLACLAGELRCTLSDCIPLTWCRDGHPCDPSDELGCCT----NEILPEGDATTM 181
DB 118 NCSRPPCQSELHCILDDVCIPHTWCRDGHPCDCLSDSDLSCLDTEIDKIFOENATT 177

QY 182 GPPVTLESVTSLRNATMTGPPVTLESVPSVGNATSSAGDQSGSPAY 229
DB 178 RISTTMENETSPR-----NVTFTSAGDSSRNPSAY 207

RESULT 4
Q641V7 PRELIMINARY; PRT; 260 AA.
AC Q641V7
DT 25-OCT-2004 (TrEMBLrel. 28, Created)
DT 25-OCT-2004 (TrEMBLrel. 28, Last sequence update)
DT 25-OCT-2004 (TrEMBLrel. 28, Last annotation update)
DE Hypothetical protein.
OS Xenopus laevis (African clawed frog).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Amphibia; Batrachia; Anura; Mesobatrachia; Pipidae;
OC Xenopodinae; Xenopus.
OX NCBI_TaxID=8355;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RX MEDLINE=22341132; PubMed=12454917; DOI=10.1002/dvdy.10174;
RA Klein S.B., Strausberg R.L., Wagner L., Pontius J., Clifton S.W.,
RA Richardson P.;
RT "Genetic and genomic tools for Xenopus research: The NIH Xenopus
RL initiative.";
RL Dev. Dyn. 225:384-391(2002).
RN [2]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RX PubMed=12477932; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
```

```
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahey J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,
RA Whitling M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA Rodriguez A.C., Grimwood J., Schmitz J., Myers R.M., Butterfield Y.S.,
RA Krzywinski M.I., Skalek U., Smailus D.E., Schnerch A., Schein J.E.,
RA Jones S.J., Marra M.A.;
RT "Generation and initial analysis of more than 15,000 full-length human
RT and mouse cDNA sequences.";
RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN [3]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RA Klein S., Gerhard D.S.;
RL Submitted (SEP-2004) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC082147; AAH82147.1; -
KW Hypothetical protein.
SQ SEQUENCE 260 AA; 27739 MW; 5AA3B6081C8E080C CRC64;

Query Match 46.9%; Score 590.5; DB 2; Length 260;
Best Local Similarity 53.1%; Pred. No. 4.3e-34;
Matches 121; Conservative 16; Mismatches 66; Indels 25; Gaps 4;

QY 6 MAQVGAWRTGALGLALLLGLGLGEEAASPLSTPTSAQAAGPSSGCPPTKFCQRTSG 65
DB 1 MARGGAGRAVALGLVRLFLGLTGLEAAPAP--AHTRVQVSGSRADSCPTDTFQCLTSG 58

QY 66 LCVPLTWCRDRDLDCSDGSDDEECRIEPCCTKQGCQPPPPGLPCPTGVSDSCGTDKCLR 125
DB 59 YCVPLSWRCDDGQDCSDGSDDEECRIESCQNGQCQPSALPCSDNISCSDVSDKNL- 117

QY 126 NCSRLACLAGELRCTLSDCIPLTWCRDGHPCDPSDELGCCT----NEILPEGDATTM 181
DB 118 NCSRPPCQSELHCILDDVCIPHTWCRDGHPCDCLSDSDLSCLDTEIDKIFOENATT 177

QY 182 GPPVTLESVTSLRNATMTGPPVTLESVPSVGNATSSAGDQSGSPAY 229
DB 178 RISTTMENETSPR-----NVTFTSAGDSSRNPSAY 207

RESULT 5
Q9CWC2 PRELIMINARY; PRT; 260 AA.
AC Q9CWC2
DT 01-JUN-2001 (TrEMBLrel. 17, Created)
DT 01-JUN-2001 (TrEMBLrel. 17, Last sequence update)
DT 01-MAR-2003 (TrEMBLrel. 23, Last annotation update)
DE Mus musculus ES cells cDNA, RIKEN full-length enriched library,
DE clone:C330007L17 product:hypothetical protein 425018-1, full insert
DE sequence.
GN Name=425018-1;
OS Mus musculus (Mouse).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
OX NCBI_TaxID=10090;
RN [1]
RP SEQUENCE FROM N.A.
RC STRAIN=C57BL/6J;
RX MEDLINE=99279253; PubMed=10349636; DOI=10.1016/S0076-6879(99)03004-9;
RA Carninci P., Hayashizaki Y.;
RT "High-efficiency full-length cDNA cloning.";
RL Meth. Enzymol. 303:19-44(1999).
RN [2]
RP SEQUENCE FROM N.A.
RC STRAIN=C57BL/6J;
RX MEDLINE=21085660; PubMed=11217851; DOI=10.1038/35055500;
RA RIKEN FANTOM Consortium;
RT "Functional annotation of a full-length mouse cDNA collection.";
RN [3]
```


RX MEDLINE=98352008; PubMed=9685741;
 RA Kim H.-J., Kim D.-H., Magoori K., Saeki S., Yamamoto T.;
 RT "Evolution of the apolipoprotein E receptor 2 gene by exon loss.";
 RL J. Biochem. 124:451-456(1998).
 RN [2]
 RP SEQUENCE FROM N.A. (ISOFORM 2), ALTERNATIVE SPLICING, AND INTERACTION
 RP WITH REELIN AND ALPHA2-MACROGLOBULIN.
 RX MEDLINE=21303597; PubMed=11294851; DOI=10.1074/jbc.M102662200;
 RA Brandes C., Kahr L., Stockinger W., Hiesberger T., Schneider W.J.,
 RA Nimpf J.;
 RT "Alternative splicing in the ligand binding domain of mouse ApoE
 RT receptor-2 produces receptor variants binding reelin but not alpha2-
 RT macroglobulin.";
 RL J. Biol. Chem. 276:22160-22169(2001).
 RN [3]
 RP SEQUENCE OF 77-996 FROM N.A. (ISOFORMS 3 AND 4).
 RC STRAIN=C57BL/6J; TISSUE=Hypothalamus;
 RX MEDLINE=22354683; PubMed=12466851; DOI=10.1038/nature01266;
 RA Okazaki Y., Furuno M., Kasukawa T., Adachi J., Bono H., Kondo S.,
 RA Nikaido I., Osato N., Saito R., Suzuki H., Yamanaka I., Kiyosawa H.,
 RA Yagi K., Tomaru Y., Hasegawa Y., Nogami A., Schonbach C., Gojobori T.,
 RA Baldarelli R., Hill D.P., Bult C., Hume D.A., Quackenbush J.,
 RA Schriml L.M., Kanapin A., Matsuda H., Batalov S., Beisel K.W.,
 RA Blake J.A., Bradt D., Brusci V., Chothia C., Corbani L.E., Cousins S.,
 RA Dalla E., Dragani T.A., Fletcher C.F., Forrest A., Frazer K.S.,
 RA Gaasterland T., Gariboldi M., Gissi C., Godzik A., Gough J.,
 RA Grimond S., Gustincich S., Hirokawa N., Jackson I.J., Jarvis E.D.,
 RA Kanai A., Kawai H., Kawasawa Y., Kedzierski R.M., King B.B.,
 RA Konagaya A., Kurochkin I.V., Lee Y., Lenhard B., Lyons P.A.,
 RA Maglott D.R., Maltais L., Marchionni L., McKenzie L., Miki H.,
 RA Nagashima T., Numata K., Okido T., Pavan W.J., Pertea G., Pesole G.,
 RA Petrovsky N., Pillai R., Pontius J.U., Qi D., Ramachandran S.,
 RA Ravasi T., Reed J.C., Reed D.J., Reid J., Ring B.Z., Ringwald M.,
 RA Sadelin A., Schneider C., Sempile C.A., Setou M., Shimada K.,
 RA Sultana R., Takenaka Y., Taylor M.S., Teasdale R.D., Tomita M.,
 RA Valverde R., Wagner L., Wahlstedt C., Wang Y., Watanabe Y., Wells C.,
 RA Wilming L.G., Wyshaw-Boris A., Yanagisawa M., Yang I., Yang L.,
 RA Yuan Z., Zavolan M., Zhu Y., Zimmer A., Carninci P., Hayatsu N.,
 RA Hirozane-Kishikawa T., Konno H., Nakamura M., Sakazume N., Sato K.,
 RA Shiraki T., Waki K., Kawai J., Aizawa K., Arakawa T., Fukuda S.,
 RA Hara A., Hashizume W., Inotani K., Ishii Y., Itoh M., Kagawa I.,
 RA Miyazaki A., Sakai K., Sasaki D., Shibata K., Shinagawa A.,
 RA Yasunishi A., Yoshino M., Waterston R., Lander E.S., Rogers J.,
 RA Birney E., Hayashizaki Y.;
 RT "Analysis of the mouse transcriptome based on functional annotation of
 RT 60,770 full-length cDNAs.";
 RL Nature 420:563-573(2002).
 RN [4]
 RP ALTERNATIVE SPLICING, GLYCOSYLATION, AND PROTEOLYTICAL PROCESSING.
 RX PubMed=12871934; DOI=10.1074/jbc.M305858200;
 RA May P., Bock H.H., Nimpf J., Herz J.;
 RT "Differential glycosylation regulates processing of lipoprotein
 RT receptors by gamma-secretase.";
 RL J. Biol. Chem. 278:37386-37392(2003).
 RN [5]
 RP ALTERNATIVE SPLICING, AND PROTEOLYTICAL PROCESSING.
 RX PubMed=12426372; DOI=10.1093/emboj/cdf599;
 RA Koch S., Strasser V., Hauser C., Fasching D., Brandes C., Bajari T.M.,
 RA Schneider W.J., Nimpf J.;
 RT "A secreted soluble form of ApoE receptor 2 acts as a dominant-
 RT negative receptor and inhibits Reelin signaling.";
 RL EMBO J. 21:5996-6004(2002).
 RN [6]
 RP FUNCTION IN SPERM DEVELOPMENT.
 RX PubMed=12695510; DOI=10.1074/jbc.M302157200;
 RA Andersen O.M., Yeung C.H., Vorum H., Wellner M., Andreassen T.K.,
 RA Erdmann B., Mueller E.C., Herz J., Otto A., Cooper T.G., Willnow T.E.;
 RT "Essential role of the apolipoprotein E receptor-2 in sperm
 RT development.";
 RL J. Biol. Chem. 278:23989-23995(2003).
 RN [7]
 RP INTERACTION WITH DAB1.
 RX PubMed=10380922; DOI=10.1016/S0092-8674(00)80782-5;

RA Trommsdorff M., Gotthardt M., Hiesberger T., Shelton J.,
 RA Stockinger W., Nimpf J., Hammer R.E., Richardson J.A., Herz J.;
 RT "Reeler/Disab1-like disruption of neuronal migration in knockout
 RT mice lacking the VLDL receptor and ApoE receptor 2.";
 RL Cell 97:689-701(1999).
 RN [8]
 RP INTERACTION WITH JNK-INTERACTING PROTEINS, AND TISSUE SPECIFICITY.
 RX MEDLINE=20400499; PubMed=10827199; DOI=10.1074/jbc.M004119200;
 RA Stockinger W., Brandes C., Fasching D., Hermann M., Gotthardt M.,
 RA Herz J., Schneider W.J., Nimpf J.;
 RT "The reelin receptor ApoER2 recruits JNK-interacting proteins-1 and
 RT -2.";
 RL J. Biol. Chem. 275:25625-25632(2000).
 RN [9]
 RP INTERACTIONS WITH RAP AND REELIN, STOLECHIOMETRY, AND MUTAGENESIS.
 RX PubMed=12899622; DOI=10.1021/bi034475p;
 RA Andersen O.M., Benayon D., Curran T., Willnow T.E.;
 RT "Differential binding of ligands to the apolipoprotein E receptor 2.";
 RL Biochemistry 42:9355-9364(2003).
 CC -!- FUNCTION: Cell surface receptor for Reelin (RELN) and
 CC apolipoprotein E (apoE)-containing ligands. LRP8 participates in
 CC transmitting the extracellular Reelin signal to intracellular
 CC signaling processes, by binding to DAB1 on its cytoplasmic tail.
 CC Reelin acts via both the VLDL receptor (VLDLR) and LRP8 to
 CC regulate DAB1 tyrosine phosphorylation and microtubule function in
 CC neurons. LRP8 has higher affinity for Reelin than VLDLR. LRP8 is
 CC thus a key component of the Reelin pathway which governs neuronal
 CC layering of the forebrain during embryonic brain development.
 CC Binds the endoplasmic reticulum resident receptor-associated
 CC protein (RAP). Binds dimers of beta 2-glycoprotein 1 and may be
 CC involved in the suppression of platelet aggregation in the
 CC vasculature. Highly expressed in the initial segment of the
 CC epididymis, where it affects the functional expression of
 CC clusterin and phospholipid hydroperoxide glutathione peroxidase
 CC (PHGPx), two proteins required for sperm maturation. May also
 CC function as an endocytic receptor.
 CC -!- SUBUNIT: Reelin associates with two or more receptor molecules.
 CC Interacts with DAB1 and JNK-interacting proteins.
 CC -!- SUBCELLULAR LOCATION: Type I membrane protein (Potential).
 CC Isoforms that contain the exon coding for a furin-type cleavage
 CC site are proteolytically processed, leading to a secreted receptor
 CC fragment.
 CC -!- ALTERNATIVE PRODUCTS:
 CC Event=Alternative splicing; Named isoforms=5;
 CC Name=1;
 CC IsoId=Q924X6-1; Sequence=Displayed;
 CC Name=2;
 CC IsoId=Q924X6-2; Sequence=VSP_010309;
 CC Note=No experimental confirmation available;
 CC Name=3;
 CC IsoId=Q924X6-3; Sequence=VSP_010310, VSP_010311;
 CC Note=No experimental confirmation available;
 CC Name=4;
 CC IsoId=Q924X6-4; Sequence=VSP_010309, VSP_010310, VSP_010311;
 CC Note=No experimental confirmation available;
 CC Name=5; Synonyms=ApoER2delta4-6,8-F;
 CC IsoId=Q924X6-5; Sequence=Not described;
 CC Note=Contains a 18 aa insert in the extracellular part which
 CC carries a furin cleavage site;
 CC -!- TISSUE SPECIFICITY: Expressed in neurons throughout the brain,
 CC with strong expression in pyramidal neurons of the hippocampus,
 CC granule cells of the dentate gyrus, cortical neurons and Purkinje
 CC cells of the cerebellum. Also expressed in the epithelium of the
 CC choroid plexus and of the blood vessels (apical expression), as
 CC well as in the epididymus.
 CC -!- DEVELOPMENTAL STAGE: Expressed from embryonic day E12 to E16. Mice
 CC which are deficient in LRP8 have neuronal migration defect.
 CC -!- DOMAIN: The cytoplasmic domain is involved in the binding of DAB1
 CC and in the recruitment of JNK-interacting proteins. Isoforms, which
 CC lack part of the cytoplasmic domain, are unable to recruit members
 CC of the family of JNK interacting proteins (JIP) to the cytoplasmic
 CC tail.
 CC -!- PTM: O-glycosylated. Some alternatively spliced isoforms lack the


```
FT DOMAIN 255 LDL-receptor class A 6.
FT DOMAIN 294 LDL-receptor class A 7.
FT DOMAIN 334 LDL-receptor class A 8.
FT DOMAIN 374 EGF-like 1, calcium-binding (Potential).
FT DOMAIN 413 EGF-like 2, calcium-binding (Potential).
FT REPEAT 453 EGF-like 2, calcium-binding (Potential).
FT REPEAT 499 LDL-receptor class B 1.
FT REPEAT 544 LDL-receptor class B 2.
FT REPEAT 588 LDL-receptor class B 3.
FT REPEAT 631 LDL-receptor class B 4.
FT REPEAT 674 LDL-receptor class B 5.
FT REPEAT 716 LDL-receptor class B 6.
FT DOMAIN 722 EGF-like 3.
FT SITE 822 Endocytosis signal (Potential).
FT DISULFID 51 By similarity.
FT DISULFID 58 By similarity.
FT DISULFID 70 By similarity.
FT DISULFID 85 By similarity.
FT DISULFID 90 By similarity.
FT DISULFID 97 By similarity.
FT DISULFID 109 By similarity.
FT DISULFID 126 By similarity.
FT DISULFID 131 By similarity.
FT DISULFID 138 By similarity.
FT DISULFID 152 By similarity.
FT DISULFID 167 By similarity.
FT DISULFID 172 By similarity.
FT DISULFID 179 By similarity.
FT DISULFID 191 By similarity.
FT DISULFID 211 By similarity.
FT DISULFID 218 By similarity.
FT DISULFID 230 By similarity.
FT DISULFID 236 By similarity.
FT DISULFID 257 By similarity.
FT DISULFID 264 By similarity.
FT DISULFID 276 By similarity.
FT DISULFID 286 By similarity.
FT DISULFID 303 By similarity.
FT DISULFID 315 By similarity.
FT DISULFID 336 By similarity.
FT DISULFID 344 By similarity.
FT DISULFID 356 By similarity.
FT DISULFID 373 By similarity.
FT DISULFID 378 By similarity.
FT DISULFID 385 By similarity.
FT DISULFID 400 By similarity.
FT DISULFID 412 By similarity.
FT DISULFID 418 By similarity.
FT DISULFID 424 By similarity.
FT DISULFID 437 By similarity.
FT DISULFID 439 By similarity.
FT DISULFID 452 By similarity.
FT DISULFID 726 By similarity.
FT DISULFID 735 By similarity.
FT DISULFID 754 By similarity.
FT DISULFID 756 By similarity.
FT CARBOHYD 169 N-linked (GlcNAc...) (Potential).
FT CARBOHYD 169 N-linked (GlcNAc...) (Potential).
FT CARBOHYD 773 N-linked (GlcNAc...) (Potential).
SQ SEQUENCE 863 AA; 0672A8748P9A2245 CRC64;

Query Match 22.7%; Score 286.5; DB 1; Length 863;
Best Local Similarity 38.4%; Pred. No. 3.9e-12;
Matches 63; Conservative 14; Mismatches 62; Indels 25; Gaps 7;

QY 12 WRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSGSCPTTKFCQRTGSLCVPLT 71
Db 23 WALPRCG-ALCLLLALGC-----LRTATDGA-----KCESSQFQC-SNGRCIPLL 67

QY 72 WRCRDLDSCGSDSEECRIEPTQ-----KGQCPPLPGLPCPTGTGVSDCSGGTDKL 125
Db 68 WKCDGEDCSDGSDSACVKKTKCAESDFVCSQCPN---RWQCDGDPDCDGSDESAB 124

QY 126 NCSRLACLAGELRCTI-LSDCIPLTWRCDGHPDCPPSSDELGC 168
Db 125 LCHMRTCRVNEISCGPQSTQCIPIVFWKCDGKDCDGSDEENCG 168

RESULT 9
Q802V2 ID Q802V2 PRELIMINARY; PRT; 355 AA.
AC Q802V2;
DT 01-JUN-2003 (T-EMBLrel. 24, Created)
DE 01-JUN-2003 (T-EMBLrel. 24, Last sequence update)
```

```
DT 01-OCT-2003 (T-EMBLrel. 25, Last annotation update)
DE Zgc-55792 protein.
GN ORFNames=zgc:55792;
OS Brachydanio rerio (Zebrafish) (Danio rerio).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Actinopterygii; Neopterygii; Teleostei; Osteiophysi; Cypriniformes;
OC Cyprinidae; Danio.
OX NCBI_TaxID=7955;
RN [1]
RP SEQUENCE FROM N.A.
RC STRAIN=AB; TISSUE=Whole body;
RX MEDLINE=2238257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA Altschul S.P., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA Diatchenko L., Marusina K., Farmer A.F., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA Villalón D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahey J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,
RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA Rodriguez A.C., Skimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,
RA Krzywinski M.I., Skalska U., Smalusz D.E., Schnerch A., Schein J.E.,
RA Jones S.J., Marra M.A.;
RT "Generation and initial analysis of more than 15,000 full-length human
and mouse cDNA sequences.";
RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN [2]
RP SEQUENCE FROM N.A.
RC STRAIN=AB; TISSUE=Whole body;
RA Strausberg R.;
RL Submitted (FEB-2003) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC047187; AAH47187.1; -.
DR HSSP; P01130; 1AJJ.
DR ZFIN; ZDB-GENE-040426-803; zgc:55792.
DR InterPro; IPR002172; LDL_receptor_A.
DR Pfam; PF00057; Ldl_recept_a; 8.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00192; LDLa; 8.
DR PROSITE; PS01209; LDLRA_1; 8.
DR PROSITE; PS00688; LDLRA_2; 8.
SQ SEQUENCE 355 AA; 39119 MW; ALF64D86B855651E CRC64;

Query Match 22.6%; Score 284.5; DB 2; Length 355;
Best Local Similarity 36.7%; Pred. No. 2.3e-12;
Matches 61; Conservative 16; Mismatches 60; Indels 29; Gaps 6;

QY 19 LALLLLGLGLGLEAAASPLSTPTSAQAAGPSGSGS---CPPTKFCQRTGSLCVPLTW 75
Db 6 LGILLILL-----PVCFLWGFGRASRAECEQSQFQC-GNGRCIPSWQCD 49

QY 76 RLDCSDGSDSEECRIEPTQ-----KGQCPPLPGLPCPTGTGVSDCSGGTDKLNC 129
Db 50 GMDSCSDGSDSETSVKTKCAEVDVFCRSQCQIPK---RWQCDGDPDCDGSDESIEMCH 106

QY 130 LACLAGELRCTI-LSDCIPLTWRCDGHPDCPPSSDELGC 174
Db 107 RTRVNEFSGVSGSTQCIPIVFWKCDGKDCDNGEDINGNITCAP 152

RESULT 10
LDVR HUMAN
ID LDVR HUMAN STANDARD; PRT; 873 AA.
AC P98155;
DT 01-OCT-1996 (Rel. 34, Created)
DT 01-OCT-1996 (Rel. 34, Last sequence update)
DT 25-OCT-2004 (Rel. 45, Last annotation update)
DE Very low-density lipoprotein receptor precursor (VLDL receptor).
```

GN Name=VLDLR;
 OS Homo sapiens (Human).
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 OX NCBI_TaxID=9606;
 RN [1]
 RP SEQUENCE FROM N.A.
 RC TISSUE=Skeletal muscle;
 RX MEDLINE=94114378; PubMed=8128315;
 RA Gavels M.E., Caird M., Britt D., Jackson C.L., Patterson D.,
 RA Straus J.F.;
 RT "Cloning of a cDNA encoding a putative human very low density
 RT lipoprotein/apolipoprotein E receptor and assignment of the gene to
 RT chromosome 9pter-p23.";
 RL Somat. Cell Mol. Genet. 19:557-569(1993).
 RN [2]
 RP SEQUENCE FROM N.A.
 RC TISSUE=Heart;
 RX MEDLINE=94348496; PubMed=8069294;
 RA Webb J.C., Patel D.D., Jones M.D., Knight B.L., Soutar A.K.;
 RT "Characterization and tissue-specific expression of the human 'very
 RT low density lipoprotein (VLDL) receptor' mRNA.";
 RL Hum. Mol. Genet. 3:531-537(1994).
 RN [3]
 RP SEQUENCE FROM N.A.
 RX MEDLINE=94124575; PubMed=8294473;
 RA Sakai J., Hoshino A., Takahashi S., Miura Y., Ishii H., Suzuki H.,
 RA Kawarabayashi Y., Yamamoto T.;
 RT "Structure, chromosome location, and expression of the human very low
 RT density lipoprotein receptor gene.";
 RL J. Biol. Chem. 269:2173-2182(1994).
 RN [4]
 RP SEQUENCE FROM N.A.
 RC TISSUE=Heart;
 RX MEDLINE=94292216; PubMed=8020981;
 RA Oka K., Tzung K.W., Sullivan M., Lindsay E., Baldini A., Chan L.;
 RT "Human very-low-density lipoprotein receptor complementary DNA and
 RT deduced amino acid sequence and localization of its gene (VLDLR) to
 RT chromosome band 9p24 by fluorescence in situ hybridization.";
 RL Genomics 20:298-300(1994).
 RN [5]
 RP VARIANTS ILE-59 AND LYS-379.
 RX MEDLINE=99318093; PubMed=10391209; DOI=10.1038/10290;
 RA Cargill M., Altshuler D., Ireland J., Sklar P., Ardlie K., Patil N.,
 RA Shaw N., Lane C.R., Lim E.P., Kalyanaram N., Nemesh J., Ziaugra L.,
 RA Friedland L., Rolfe A., Warrington J., Lipshutz R., Daley G.Q.,
 RA Lander E.S.;
 RT "Characterization of single-nucleotide polymorphisms in coding regions
 RT of human genes.";
 RL Nat. Genet. 22:231-238(1999).
 RN [6]
 RP BRRATUM.
 RX PubMed=10545957;
 RA Cargill M., Altshuler D., Ireland J., Sklar P., Ardlie K., Patil N.,
 RA Shaw N., Lane C.R., Lim E.P., Kalyanaram N., Nemesh J., Ziaugra L.,
 RA Friedland L., Rolfe A., Warrington J., Lipshutz R., Daley G.Q.,
 RA Lander E.S.;
 RL Nat. Genet. 23:373-373(1999).
 CC -1- FUNCTION: Binds VLDL and transports it into cells by endocytosis.
 CC In order to be internalized, the receptor-ligand complexes must
 CC first cluster into clathrin-coated pits. Binding to Reelin induces
 CC tyrosine phosphorylation of Dab1 and modulation of Tau
 CC phosphorylation (By similarity).
 CC -1- SUBUNIT: Binds to the extracellular matrix protein Reelin (By
 CC similarity). Interacts with DAB1.
 CC -1- SUBCELLULAR LOCATION: Type I membrane protein.
 CC -1- ALTERNATIVE PRODUCTS:
 CC Event-Alternative splicing; Named isoforms=2;
 CC Name=Long;
 CC IsoId=P98155-1; Sequence=Displayed;
 CC Name=Short;
 CC IsoId=P98155-2; Sequence=VSP_004304;
 CC -1- TISSUE SPECIFICITY: Abundant in heart and skeletal muscle; also

ovary and kidney; not in liver.
 CC -1- SIMILARITY: Contains 3 EGF-like domains.
 CC -1- SIMILARITY: Contains 8 LDL-receptor class A domains.
 CC -1- SIMILARITY: Contains 6 LDL-receptor class B domains.
 CC -----
 CC This SWISS-PROT entry is copyright. It is produced through a collaboration
 CC between the Swiss Institute of Bioinformatics and the EMBL outstation -
 CC the European Bioinformatics Institute. There are no restrictions on its
 CC use by non-profit institutions as long as its content is in no way
 CC modified and this statement is not removed. Usage by and for commercial
 CC entities requires a license agreement (See [http://www.isb-sib.ch/](http://www.isb-sib.ch/announce/)
 CC or send an email to license@isb-sib.ch).
 CC -----
 DR EMBL; L20470; AAA53684.1; -
 DR EMBL; D16532; BAA03969.1; -
 DR EMBL; D16495; BAA03969.1; JOINED.
 DR EMBL; D16508; BAA03969.1; JOINED.
 DR EMBL; D16510; BAA03969.1; JOINED.
 DR EMBL; D16514; BAA03969.1; JOINED.
 DR EMBL; D16516; BAA03969.1; JOINED.
 DR EMBL; D16518; BAA03969.1; JOINED.
 DR EMBL; D16520; BAA03969.1; JOINED.
 DR EMBL; D16522; BAA03969.1; JOINED.
 DR EMBL; D16523; BAA03969.1; JOINED.
 DR EMBL; D16524; BAA03969.1; JOINED.
 DR EMBL; D16525; BAA03969.1; JOINED.
 DR EMBL; D16526; BAA03969.1; JOINED.
 DR EMBL; D16527; BAA03969.1; JOINED.
 DR EMBL; D16528; BAA03969.1; JOINED.
 DR EMBL; D16529; BAA03969.1; JOINED.
 DR EMBL; D16530; BAA03969.1; JOINED.
 DR EMBL; D16531; BAA03969.1; JOINED.
 DR EMBL; S73849; AAB31735.1; -
 DR EMBL; D16493; BAA03945.1; -
 DR EMBL; D16494; BAA03946.1; -
 DR EMBL; L22431; AAA61344.1; -
 DR PIR; A49729; A49729.
 DR HSSP; P01130; 1AJJ.
 DR Genew; HGNC:12698; VLDLR.
 DR MIM; 192977; -
 DR GO; GO:0005886; C:plasma membrane; TAS.
 DR GO; GO:0005041; F:low-density lipoprotein receptor activity; TAS.
 DR GO; GO:0007613; P:memory; TAS.
 DR GO; GO:0007399; P:neurogenesis; TAS.
 DR GO; GO:0007165; P:signal transduction; TAS.
 DR InterPro; IPR000152; Asx_hydroxyl_s.
 DR InterPro; IPR000742; EGF_2.
 DR InterPro; IPR001881; EGF_Ca.
 DR InterPro; IPR002172; LDL_receptor_A.
 DR InterPro; IPR000033; Ldl_receptor_rep.
 DR Pfam; PF00008; EGF_2.
 DR Pfam; PF00057; Ldl_recept_a; 8.
 DR Pfam; PF00058; Ldl_recept_b; 5.
 DR PRINTS; PR00261; LDLRECEPTOR.
 DR SMART; SM00179; EGF_CA; 2.
 DR SMART; SM00192; LDLA; 8.
 DR SMART; SM00135; LV; 5.
 DR PROSITE; PS00010; ASX_HYDROXYL; 2.
 DR PROSITE; PS00022; EGF_1; FALSE_NEG.
 DR PROSITE; PS01186; EGF_2; 3.
 DR PROSITE; PS00026; EGF_3; 2.
 DR PROSITE; PS01187; EGF_CA; 1.
 DR PROSITE; PS01209; LDLRA_1; 8.
 DR PROSITE; PS00088; LDLRA_2; 8.
 KW Alternative splicing; Cholesterol metabolism; Coated pits;
 KW EGF-like domain; Endocytosis; Glycoprotein; Lipid transport;
 KW Polymorphism; Receptor; Repeat; Signal; Transmembrane; VLDL.
 FT SIGNAL 1 27 Potential.
 FT CHAIN 28 873 Very low-density lipoprotein receptor.
 FT DOMAIN 28 797 Extracellular (Potential).
 FT TRANSMEM 798 819 Potential.
 FT DOMAIN 820 873 Cytoplasmic (Potential).

FT	DOMAIN	31	69	LDL-receptor class A 1.
FT	DOMAIN	70	110	LDL-receptor class A 2.
FT	DOMAIN	111	151	LDL-receptor class A 3.
FT	DOMAIN	152	190	LDL-receptor class A 4.
FT	DOMAIN	191	231	LDL-receptor class A 5.
FT	DOMAIN	237	275	LDL-receptor class A 6.
FT	DOMAIN	276	314	LDL-receptor class A 7.
FT	DOMAIN	316	355	LDL-receptor class A 8.
FT	DOMAIN	356	395	EGF-like 1.
FT	DOMAIN	396	435	EGF-like 2, calcium-binding (Potential).
FT	REPEAT	439	480	LDL-receptor class B 1.
FT	REPEAT	481	524	LDL-receptor class B 2.
FT	REPEAT	525	567	LDL-receptor class B 3.
FT	REPEAT	568	611	LDL-receptor class B 4.
FT	REPEAT	612	654	LDL-receptor class B 5.
FT	REPEAT	655	696	LDL-receptor class B 6.
FT	DOMAIN	702	750	EGF-like 3.
FT	DOMAIN	751	790	Clustered O-linked oligosaccharides.
FT	SITE	832	837	Endocytosis signal (Potential).
FT	DISULFID	33	45	By similarity.
FT	DISULFID	40	58	By similarity.
FT	DISULFID	52	67	By similarity.
FT	DISULFID	72	84	By similarity.
FT	DISULFID	79	97	By similarity.
FT	DISULFID	91	108	By similarity.
FT	DISULFID	113	127	By similarity.
FT	DISULFID	120	140	By similarity.
FT	DISULFID	134	149	By similarity.
FT	DISULFID	154	166	By similarity.
FT	DISULFID	161	179	By similarity.
FT	DISULFID	173	188	By similarity.
FT	DISULFID	193	205	By similarity.
FT	DISULFID	200	218	By similarity.
FT	DISULFID	212	229	By similarity.
FT	DISULFID	239	251	By similarity.
FT	DISULFID	246	264	By similarity.
FT	DISULFID	258	273	By similarity.
FT	DISULFID	278	290	By similarity.
FT	DISULFID	285	303	By similarity.
FT	DISULFID	297	312	By similarity.
FT	DISULFID	318	331	By similarity.
FT	DISULFID	326	344	By similarity.
FT	DISULFID	338	355	By similarity.
FT	DISULFID	360	371	By similarity.
FT	DISULFID	367	380	By similarity.
FT	DISULFID	382	394	By similarity.
FT	DISULFID	400	410	By similarity.
FT	DISULFID	406	419	By similarity.
Query Match 22.3%; Score 280.5; DB 1; Length 873;				
Best Local Similarity 37.6%; Pred. No. 1e-11; Mismatches 68; Indels 23; Gaps 7;				
Matches 64; Conservative 15;				
QY	14	TGALGLALLLLGLGLEAAASPLSTPTSAQAAGPS-SGSCPTTKFQCRTSGLCVPLTW 72		
Db	3	TSAL-WALWLLAL-----CWAPRESGATGTRKAKCEPSQFC-TNGRCITLLW 50		
QY	73	RCRDLDGSDGSEECRIEPTCQ-----KGCCPPPPGLPCPTGVSDCSGGTDKKLRN 126		
Db	51	KCDGDECDVDSDEKNCVKTKCAESDFVCNNGQVPS---RWKCDGDPDCDGSDESPEQ 107		
QY	127	CSRLACIAGLRC-TLSDDCIPLTWCDGHDPDCPDSSDELGCGTNEILPE 175		
Db	108	CHMRTCRIHEISCAHSTQCIPVSWRCDDGNDGSDGEDEENCGNITCSPD 157		
RESULT 11				
ID	Q8AN7	PRELIMINARY;	PRT;	752 AA.
AC	Q8AN7;			
DT	01-OCT-2002 (TrEMBLrel. 22, Created)			
DT	01-OCT-2002 (TrEMBLrel. 22, Last sequence update)			
DT	01-MAR-2004 (TrEMBLrel. 26, Last annotation update)			

DE	Hypothetical protein FLJ35062.
OS	Homo sapiens (Human).
OC	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC	Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX	NCBI_TaxID=9606;
RN	[1]
RP	SEQUENCE FROM N.A.
RC	TISSUE=Brain;
RX	PubMed=14702039; DOI=10.1038/ngl285;
RA	Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R.,
RA	Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H.,
RA	Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S.,
RA	Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K.,
RA	Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A.,
RA	Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M.,
RA	Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y.,
RA	Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M.,
RA	Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K.,
RA	Tanai H., Kimata M., Watanabe M., Hirooka S., Chiba Y., Ishida S.,
RA	Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J.,
RA	Kanehori K., Takahashi-Fujii A., Hara H., Tanase T., Nomura Y.,
RA	Togiyasu S., Komai F., Hara R., Takeuchi K., Arita M., Imose N.,
RA	Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S.,
RA	Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S.,
RA	Moriya S., Momiya H., Satoh N., Takami S., Terashima Y., Suzuki O.,
RA	Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H.,
RA	Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B.,
RA	Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y.,
RA	Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T.,
RA	Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y.,
RA	Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S.,
RA	Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T.,
RA	Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M.,
RA	Togaishi T., Oyama M., Hata H., Watanabe M., Komatsu T.,
RA	Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K.,
RA	Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R.,
RA	Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.;
RT	"Complete sequencing and characterization of 21,243 full-length human
RT	cDNAs."
RL	Nat. Genet. 36:40-45(2004).
DR	EMBL; AK092381; BAC03874.1; --
DR	HSSP; P01130; 1AJJ.
DR	GO; GO:0016020; C:membrane; IEA.
DR	GO; GO:0005509; F:calcium ion binding; IEA.
DR	GO; GO:0004872; F:receptor activity; IEA.
DR	InterPro; IPR000152; Asx_hydroxyl_5.
DR	InterPro; IPR000742; EGF_2.
DR	InterPro; IPR001881; EGF_Ca.
DR	InterPro; IPR006209; EGF_like.
DR	InterPro; IPR002172; LDL_receptor_A.
DR	InterPro; IPR000033; Ldl_receptor_rep.
DR	Pfam; PF00008; EGF; 2.
DR	Pfam; PF07645; EGF_CA; 1.
DR	Pfam; PF00057; Ldl_recept_a; 5.
DR	Pfam; PF00058; Ldl_recept_b; 5.
DR	PRINTS; PR00261; LDLRECEPTOR.
DR	SMART; SM00179; EGF_CA; 2.
DR	SMART; SM00192; LDLA; 5.
DR	SMART; SM00135; LY; 5.
DR	PROSITE; PS00010; ASX_HYDROXYL; 2.
DR	PROSITE; PS01186; EGF_2; 3.
DR	PROSITE; PS00026; EGF_3; 1.
DR	PROSITE; PS01187; EGF_CA; 1.
DR	PROSITE; PS01209; LDLA_1; 5.
DR	PROSITE; PS00068; LDLA_2; 5.
KW	EGF-like domain; Lipoprotein; Receptor.
SQ	SEQUENCE 752 AA; 82878 MW; 8ADE9030B57E6771 CRC64;
Query Match 22.2%; Score 280; DB 2; Length 752;	
Best Local Similarity 38.6%; Pred.No. 9.7e-12;	
Matches 66; Conservative 18; Mismatches 65; Indels 22; Gaps	
QY	14 TGALGLALLLLGLGLEAAASPLSTPTSAQAAGPS-SGSCPTTKFQCRTSGLCVPLTW

```
Db 3 TSAL-WALWLLAL-----CWAPRESGATGTGRKAKCEPSQFC-TNGRCITLLW 50
QY 73 RCDRLDCSDGDEECRIEPC-TQKQCQPPPLPCP--CTGVSDCGSGTGRKLRNCSR 129
Db 51 KCDGDECDVGSDELDCAPTQCGHFEQCSSTSCIPISWVCDDDADCDSDGSDSLEQCGR 110
QY 130 -----LACLAGELURCTLSDCIPLTWRCDGHPDPSDDELGCCTNBIPE 175
Db 111 QPVIHTKCPASEIQCG-SGECIHKKWRCDGDPDCKDGSDEVNCPSTRCRPD 160

RESULT 12
Q6S4M1 PRELIMINARY; PRT; 873 AA.
AC Q6S4M1;
DT 05-JUL-2004 (T-EMBLrel. 27, Created)
DT 05-JUL-2004 (T-EMBLrel. 27, Last sequence update)
DT 05-JUL-2004 (T-EMBLrel. 27, Last annotation update)
DE Very low density lipoprotein receptor.
OS Macaca mulatta (Rhesus macaque).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Cercopitheciidae;
OC Cercopitheciinae; Macaca.
OX NCBI_TaxID=9544;
RN [1]
RP SEQUENCE FROM N.A.
RA Nomura S., Merched A., Oka K., Nour E., Dieker C., Finegold M.,
RA Beaudet A., Chan L.;
RL Submitted (NOV-2003) to the EMBL/GenBank/DBJ databases.
DR EMBL; AY466855; AAR8314.1; -.
DR HSSP; P01130; 1AJJ.
DR GO; GO:0016020; C.membrane; IEA.
DR GO; GO:0005509; F.calcium ion binding; IEA.
DR GO; GO:0004872; F.receptor activity; IEA.
DR InterPro; IPR000152; Ax hydroxyl_S.
DR InterPro; IPR000742; EGF 2.
DR InterPro; IPR001881; EGF Ca.
DR InterPro; IPR006209; EGF like.
DR InterPro; IPR006210; IEGF.
DR InterPro; IPR002172; LDL receptor A.
DR InterPro; IPR000033; Ldl_receptor_rep.
DR Pfam; PF00008; EGF; 1.
DR Pfam; PF07645; EGF CA; 1.
DR Pfam; PF00057; Ldl_recept a; 8.
DR Pfam; PF00058; Ldl_recept b; 5.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00181; EGF; 6.
DR SMART; SM00179; EGF CA; 2..
DR SMART; SM00192; LDLA; 8.
DR SMART; SM00135; LY; 5.
DR PROSITE; PS00010; ASX HYDROXYL; 2.
DR PROSITE; PS01186; EGF 2; 3.
DR PROSITE; PS50026; EGF 3; 1.
DR PROSITE; PS01187; EGF CA; 1.
DR PROSITE; PS01209; LDLRA 1; 7.
DR PROSITE; PS50068; LDLRA 2; 8.
KW EGF-like domain; Lipoprotein; Receptor.
SQ SEQUENCE 873 AA; 96314 MW; 101F7D8A6E43EB1 CRC64;

Query Match 22.2%; Score 280; DB 2; Length 873;
Best Local Similarity 38.2%; Pred. No. 1.1e-11;
Matches 60; Conservative 14; Mismatches 61; Indels 22; Gaps 6;

QY 20 ALLLLGLGLGLAARASPLTPTSAQNAAGES-SGSCPTKFCQRTSGLCVPLTWRCRDRL 78
Db 8 ALWLLAL-----CWAPRESGATGTGRKAKCEPSQFC-TNGRCITLLWCKDGE 56
QY 79 DCGSDGDEECRIEPCQTQ-----KGQCPPPPGLPCPCTGVSDCGTGRKLRNCSR 132
Db 57 DCDVGSDEKNCVKTKCAESDFVNCNGQCVN---RWKCDGDPDCEGSDGSPQCQHWRTC 113
QY 133 LAGELACTL-SDDCIPLTWRCDHGPDPCDSDDELGC 168
```

```
Db 114 RINEISCAAHSTQCIPVSWRCNGDNCDSGEDENC 150

RESULT 13
Q42126 PRELIMINARY; PRT; 869 AA.
AC Q42126;
DT 01-JAN-1998 (T-EMBLrel. 05, Created)
DT 01-JAN-1998 (T-EMBLrel. 05, Last sequence update)
DT 01-MAR-2004 (T-EMBLrel. 26, Last annotation update)
DE Vitellogenin receptor.
OS Xenopus laevis (African clawed frog).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidae; Pipidae;
OC Xenopodinae; Xenopus.
OX NCBI_TaxID=8355;
RN [1]
RP SEQUENCE FROM N.A.
RA TISSUE=Oocyte;
RX MEDLINE=96295501; PubMed=8702402; DOI=10.1006/bbrc.1996.1040;
RA Okabayashi K., Shoji H., Nakamura T., Hashimoto O., Asashima M.,
RA Sugino H.;
RT "cDNA cloning and expression of the Xenopus laevis vitellogenin
RT receptor.";
RL Biochem. Biophys. Res. Commun. 224:406-413 (1996).
RN [2]
RP SEQUENCE FROM N.A.
RA TISSUE=Oocyte;
RA Okabayashi K.;
RL Submitted (AUG-1997) to the EMBL/GenBank/DBJ databases.
DR EMBL; AB006906; BAA22145.1; -.
DR PIR; JC4858; JC4858.
DR HSSP; P01130; 1AJJ.
DR GO; GO:0016020; C.membrane; IEA.
DR GO; GO:0005509; F.calcium ion binding; IEA.
DR GO; GO:0004872; F.receptor activity; IEA.
DR InterPro; IPR000152; Ax hydroxyl_S.
DR InterPro; IPR000742; EGF 2.
DR InterPro; IPR001881; EGF Ca.
DR InterPro; IPR006209; EGF like.
DR InterPro; IPR002172; LDL receptor A.
DR InterPro; IPR000033; Ldl_receptor_rep.
DR Pfam; PF00008; EGF; 1.
DR Pfam; PF07645; EGF CA; 1.
DR Pfam; PF00057; Ldl_recept a; 8.
DR Pfam; PF00058; Ldl_recept b; 5.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00179; EGF CA; 1.
DR SMART; SM00192; LDLA; 8.
DR SMART; SM00135; LY; 5.
DR PROSITE; PS00010; ASX HYDROXYL; 2.
DR PROSITE; PS01186; EGF 2; 3.
DR PROSITE; PS50026; EGF 3; 2.
DR PROSITE; PS01187; EGF CA; 2.
DR PROSITE; PS01209; LDLRA 1; 8.
DR PROSITE; PS50068; LDLRA 2; 8.
KW EGF-like domain; Receptor.
SQ SEQUENCE 869 AA; 96377 MW; A57A3B34072EB517 CRC64;

Query Match 22.1%; Score 278.5; DB 2; Length 869;
Best Local Similarity 33.3%; Pred. No. 1.4e-11;
Matches 70; Conservative 24; Mismatches 75; Indels 41; Gaps 8;

QY 11 AWTGALGLALLLLGL-----GLGLEAARASPLTPTSAQNAAGSSSCPTKFCQRTSGL 66
Db 4 SMR-----GVVLLLLLCFLYDPLGLVHATTL-----CEESQFC-GNGR 43
QY 67 CVPLTWRCRDRLDCSDGDEECRIEPCQTQ-----KGQCPPPPGLPCPCTGVSDCGSGT 120
Db 44 CITSLWKDGDDEDCSDGSDSSSCVKKTKCAESDFVNCNGQCVPS---RWECGDPDCEGSDG 100
QY 121 DKKLNRNCSRLACIAGBLRCTL-SDDCIPLTWRCDHGPDPCDSDDELGCCTNBIPEGDAT 179
```


Matches	70;	Conservative	24;	Mismatches	75;	Indels	41;	Gaps	8;
Qy	11	AWRTGALGLALLLLGL	----	GLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFCRTSGL	66				
Db	4	SWR----	GVVLLLLCFLYPDLGLVHATTTL	-----	CBESQFC-GNGR	43			
Qy	67	CVPLTWRCDDLDGSDGDEECRIEPTQ	-----	KGQCPPPGLPCPCTGVSDCSGGT	120				
Db	44	CITSLMKCDGDBDCSDGSDSSCVKTCAESDFVCRNGQCVPS	----	RWECDDPDCEBGS	100				
Qy	121	DKKLNC SRLACLAGELRCTL	-SDDCIPLTWRCDGHPDCPDSDDELGCCTNEILPEGDAT	179					
Db	101	DETPELCYMETCRATEIGCGVRSTQCIPLSWKCDGERDCANAEDEENCNITCSPSEFTC	160						
Qy	180	TMGPPVTLESVTSLRNATTMG	-----	PP	202				
Db	161	SSGRCSSTFVNCNGQNDGSDGSDVNCVPP	190						

Search completed: June 29, 2005, 11:33:06
 Job time : 89.5262 secs

This Page Blank (uspto)

3	1354	100.0	282	9	US-09-905-291A-127	Sequence 127, App
62	1354	100.0	282	10	US-09-808-847-1	Sequence 34, Appli
90	1354	100.0	282	14	US-10-176-847-34	Sequence 127, App
209	1354	100.0	282	14	US-10-153-668-238	Sequence 238, App
356	1354	100.0	282	14	US-10-299-976-127	Sequence 127, App
371	1354	100.0	282	14	US-10-299-937-127	Sequence 127, App
497	1354	100.0	282	15	US-10-298-993-127	Sequence 127, App
499	1354	100.0	282	15	US-10-448-923-127	Sequence 127, App
500	1354	100.0	282	15	US-10-449-656-127	Sequence 127, App
501	1354	100.0	282	15	US-10-448-713-127	Sequence 127, App
502	1354	100.0	282	15	US-10-264-237-2740	Sequence 2740, App
505	1354	100.0	282	15	US-10-435-447-127	Sequence 127, App

598	245	18.1	2214	16	US-10-473-127-814	Sequence 814, App	671	226.5	16.7	860	16	US-10-473-127-808	Sequence 808, App
599	244	18.0	4599	15	US-10-464-368-69	Sequence 69, Appl	672	226.5	16.7	860	16	US-10-473-127-1006	Sequence 1006, App
600	244	18.0	4599	15	US-10-464-368-70	Sequence 70, Appl	673	226.5	16.7	860	17	US-10-482-029-100	Sequence 100, App
601	241.5	17.8	97	16	US-10-693-057-434	Sequence 434, App	674	226.5	16.7	860	17	US-10-398-200-1	Sequence 1, Appl
602	241.5	17.8	97	17	US-10-693-056-434	Sequence 434, App	675	226.5	16.7	872	16	US-10-276-774-2169	Sequence 2169, App
603	241.5	17.8	97	17	US-10-840-723-434	Sequence 434, App	676	226.5	16.7	872	16	US-10-473-127-806	Sequence 806, App
604	241.5	17.8	97	17	US-10-871-602-434	Sequence 434, App	677	226.5	16.7	1074	9	US-09-753-385-2	Sequence 2, Appl
605	241	17.8	2215	14	US-10-281-478-4	Sequence 4, Appl	678	226.5	16.7	1410	9	US-09-753-385-4	Sequence 4, Appl
606	239	17.7	4655	16	US-10-741-601-314	Sequence 314, App	679	226.5	16.7	1410	16	US-10-473-127-805	Sequence 805, App
607	239	17.7	4655	16	US-10-479-875-3	Sequence 3, Appl	680	226.5	16.7	1418	16	US-10-473-127-804	Sequence 804, App
608	239	17.7	4655	16	US-10-741-600-897	Sequence 897, App	681	226	16.7	91	16	US-10-693-057-423	Sequence 423, App
609	237.5	17.5	170	11	US-09-750-972-47	Sequence 47, App	682	226	16.7	91	17	US-10-693-056-423	Sequence 423, App
610	237.5	17.5	819	15	US-10-094-749-1690	Sequence 1690, App	683	226	16.7	91	17	US-10-840-723-423	Sequence 423, App
611	237.5	17.5	1586	14	US-10-331-907-44	Sequence 44, Appl	684	226	16.7	91	17	US-10-871-602-423	Sequence 423, App
612	237.5	17.5	1614	9	US-09-887-5408-2	Sequence 2, Appl	685	226	16.7	237	14	US-10-163-297-48	Sequence 48, Appl
613	237.5	17.5	1614	4	US-10-331-907-42	Sequence 42, Appl	686	225	16.6	96	16	US-10-693-057-509	Sequence 509, App
614	237.5	17.5	1614	15	US-10-464-368-75	Sequence 75, Appl	687	225	16.6	96	17	US-10-693-056-509	Sequence 509, App
615	237.5	17.5	1614	15	US-10-464-368-80	Sequence 80, Appl	688	225	16.6	96	17	US-10-840-723-509	Sequence 509, App
616	237.5	17.5	1614	15	US-10-464-368-94	Sequence 94, Appl	689	225	16.6	96	17	US-10-871-602-509	Sequence 509, App
617	237.5	17.5	2180	15	US-10-369-493-5009	Sequence 5009, App	690	225	16.6	120	9	US-09-864-761-48811	Sequence 48811, App
618	237.5	17.5	2867	15	US-10-464-368-73	Sequence 73, Appl	691	224.5	16.6	1451	14	US-10-331-907-25	Sequence 25, Appl
619	234.5	17.3	659	14	US-10-017-161-1368	Sequence 1568, App	692	224.5	16.6	1584	14	US-10-331-907-39	Sequence 39, Appl
620	234	17.3	89	16	US-10-693-057-431	Sequence 431, App	693	224.5	16.6	1591	14	US-10-331-907-4	Sequence 4, Appl
621	234	17.3	89	17	US-10-693-056-431	Sequence 431, App	694	224.5	16.6	1591	14	US-10-331-907-43	Sequence 43, Appl
622	234	17.3	89	17	US-10-840-723-431	Sequence 431, App	695	224.5	16.6	1611	15	US-10-464-368-81	Sequence 81, Appl
623	234	17.3	89	17	US-10-871-602-431	Sequence 431, App	696	224.5	16.6	1611	15	US-09-931-375A-2	Sequence 2, Appl
624	234	17.3	99	16	US-10-693-057-421	Sequence 421, App	697	224.5	16.6	1615	14	US-10-331-907-3	Sequence 3, Appl
625	234	17.3	99	17	US-10-693-056-421	Sequence 421, App	698	224.5	16.6	1615	15	US-10-464-368-82	Sequence 82, Appl
626	234	17.3	99	17	US-10-840-723-421	Sequence 421, App	699	224.5	16.6	1615	16	US-10-477-238A-808	Sequence 808, App
627	234	17.3	99	17	US-10-871-602-421	Sequence 421, App	700	224.5	16.6	1615	16	US-10-680-287A-808	Sequence 808, App
628	234	17.3	863	16	US-10-617-351-3	Sequence 3, Appl	701	224.5	16.6	1615	17	US-10-789-378-50	Sequence 50, Appl
629	234	17.3	1357	15	US-10-369-493-5432	Sequence 5432, App	702	224.5	16.6	1615	17	US-10-482-029-146	Sequence 146, App
630	233	17.2	363	16	US-10-408-765A-764	Sequence 764, App	703	224.5	16.6	1615	17	US-10-477-173-761	Sequence 761, App
631	232.5	17.2	4123	14	US-10-213-509-5	Sequence 5, Appl	704	224.5	16.6	1627	13	US-10-087-192-1410	Sequence 1410, App
632	232.5	17.2	4219	15	US-10-085-198-2	Sequence 2, Appl	705	224.5	16.6	1639	14	US-10-331-907-29	Sequence 29, Appl
633	230.5	17.0	99	16	US-10-693-057-417	Sequence 417, App	706	224.5	16.6	1665	16	US-10-477-238A-810	Sequence 810, App
634	230.5	17.0	99	17	US-10-693-056-417	Sequence 417, App	707	224.5	16.6	1665	16	US-10-680-287A-810	Sequence 810, App
635	230.5	17.0	99	17	US-10-840-723-417	Sequence 417, App	708	224.5	16.6	1665	17	US-10-477-173-763	Sequence 763, App
636	230.5	17.0	99	17	US-10-871-602-417	Sequence 417, App	709	224.5	16.6	1665	17	US-10-231-956A-366	Sequence 366, App
637	230	17.0	92	16	US-10-693-057-432	Sequence 432, App	710	224.5	16.6	4393	15	US-10-477-173-761	Sequence 1105, App
638	230	17.0	92	17	US-10-693-056-432	Sequence 432, App	711	223.5	16.5	1615	15	US-10-374-979-3	Sequence 3, Appl
639	230	17.0	92	17	US-10-840-723-432	Sequence 432, App	712	223.5	16.5	1615	15	US-10-374-979-4	Sequence 4, Appl
640	230	17.0	92	17	US-10-871-602-432	Sequence 432, App	713	223.5	16.5	1615	15	US-10-182-936A-3	Sequence 3, Appl
641	230	17.0	1494	14	US-10-017-161-1612	Sequence 1612, App	714	223.5	16.5	1615	15	US-10-182-936A-4	Sequence 4, Appl
642	230	17.0	1494	15	US-10-292-798-1286	Sequence 1286, App	715	223.5	16.5	1615	16	US-10-731-739-3	Sequence 3, Appl
643	229.5	16.9	92	16	US-10-693-057-416	Sequence 416, App	716	223.5	16.5	1615	16	US-10-731-739-4	Sequence 4, Appl
644	229.5	16.9	92	17	US-10-693-056-416	Sequence 416, App	717	223.5	16.5	1615	16	US-10-477-238A-3	Sequence 3, Appl
645	229.5	16.9	92	17	US-10-840-723-416	Sequence 416, App	718	223.5	16.5	1615	16	US-10-680-287A-3	Sequence 3, Appl
646	229.5	16.9	92	17	US-10-871-602-416	Sequence 416, App	719	223.5	16.5	1615	16	US-10-680-287A-4	Sequence 4, Appl
647	229	16.9	123	11	US-09-750-972-50	Sequence 50, Appl	720	223.5	16.5	1615	16	US-10-680-287A-4	Sequence 4, Appl
648	227	16.8	4346	16	US-10-741-601-377	Sequence 377, App	721	223.5	16.5	1615	16	US-10-723-860-3344	Sequence 3344, App
649	227	16.8	4346	17	US-10-741-600-1103	Sequence 1103, App	722	223.5	16.5	1615	17	US-10-477-173-3	Sequence 3, Appl
650	227	16.8	4347	16	US-10-741-601-376	Sequence 376, App	723	223.5	16.5	1615	17	US-10-477-173-4	Sequence 4, Appl
651	227	16.8	4347	17	US-10-741-600-1102	Sequence 1102, App	724	222	16.4	96	16	US-10-693-057-414	Sequence 414, App
652	227	16.8	4370	16	US-10-408-765A-1267	Sequence 1267, App	725	222	16.4	96	17	US-10-693-057-414	Sequence 414, App
653	227	16.8	4391	16	US-10-478-451-1	Sequence 1, Appl	726	222	16.4	96	17	US-10-840-723-414	Sequence 414, App
654	226.5	16.7	360	14	US-10-169-297-50	Sequence 50, Appl	727	222	16.4	96	17	US-10-871-602-414	Sequence 414, App
655	226.5	16.7	729	16	US-10-473-127-798	Sequence 798, App	728	222	16.4	136	17	US-10-840-723-524	Sequence 524, App
656	226.5	16.7	750	16	US-10-473-127-802	Sequence 802, App	729	222	16.4	136	17	US-10-840-723-524	Sequence 524, App
657	226.5	16.7	837	15	US-10-464-368-95	Sequence 95, Appl	730	221.5	16.4	1905	16	US-10-480-172-6	Sequence 6, Appl
658	226.5	16.7	837	16	US-10-473-127-794	Sequence 794, App	731	220	16.2	96	16	US-10-693-057-420	Sequence 420, App
659	226.5	16.7	837	16	US-10-473-127-799	Sequence 799, App	732	220	16.2	96	17	US-10-693-056-420	Sequence 420, App
660	226.5	16.7	839	14	US-10-169-297-22	Sequence 22, Appl	733	220	16.2	96	17	US-10-840-723-420	Sequence 420, App
661	226.5	16.7	839	16	US-10-473-127-795	Sequence 795, App	734	220	16.2	96	17	US-10-871-602-420	Sequence 420, App
662	226.5	16.7	839	16	US-10-473-127-797	Sequence 797, App	735	219.5	16.2	231	11	US-09-750-972-29	Sequence 29, Appl
663	226.5	16.7	860	9	US-09-824-637-4	Sequence 4, Appl	736	218.5	16.1	94	17	US-10-840-723-515	Sequence 515, App
664	226.5	16.7	860	16	US-10-408-765A-444	Sequence 444, App	737	218.5	16.1	94	17	US-10-871-602-515	Sequence 515, App
665	226.5	16.7	860	16	US-10-473-127-792	Sequence 792, App	738	218	16.1	36	14	US-10-133-128-190	Sequence 190, App
666	226.5	16.7	860	16	US-10-473-127-793	Sequence 793, App	739	218	16.1	36	14	US-10-289-660-190	Sequence 190, App
667	226.5	16.7	860	16	US-10-473-127-796	Sequence 796, App	740	218	16.1	36	16	US-10-693-057-190	Sequence 190, App
668	226.5	16.7	860	16	US-10-473-127-801	Sequence 801, App	741	218	16.1	36	17	US-10-693-056-190	Sequence 190, App
669	226.5	16.7	860	16	US-10-473-127-803	Sequence 803, App	742	218	16.1	36	17	US-10-840-723-190	Sequence 190, App
670	226.5	16.7	860	16	US-10-473-127-807	Sequence 807, App	743	218	16.1	36	17	US-10-871-602-190	Sequence 190, App

744	218	16.1	91	16	US-10-693-057-419	Sequence 419, App	817	201	14.8	925	17	US-10-865-978-25	Sequence 25, Appl
745	218	16.1	91	17	US-10-693-056-419	Sequence 419, App	818	201	14.8	991	17	US-10-865-978-30	Sequence 30, Appl
746	218	16.1	91	17	US-10-840-723-419	Sequence 419, App	819	201	14.8	1039	17	US-10-865-978-34	Sequence 34, Appl
747	218	16.1	91	17	US-10-871-602-419	Sequence 419, App	820	201	14.8	1042	10	US-09-776-191-62	Sequence 62, Appl
748	218	16.1	99	16	US-10-693-057-433	Sequence 433, App	821	201	14.8	1042	15	US-10-156-214A-29	Sequence 29, Appl
749	218	16.1	99	17	US-10-693-056-433	Sequence 433, App	822	201	14.8	1042	17	US-10-865-978-2	Sequence 2, Appl
750	218	16.1	99	17	US-10-840-723-433	Sequence 433, App	823	201	14.8	1042	17	US-10-926-083-2	Sequence 2, Appl
751	218	16.1	99	17	US-10-871-602-433	Sequence 433, App	824	201	14.8	1044	17	US-10-865-978-9	Sequence 9, Appl
752	217.5	16.1	348	14	US-10-017-161-1610	Sequence 1610, Ap	825	200.5	14.8	1076	15	US-10-276-773-2345	Sequence 2345, Ap
753	217.5	16.1	348	15	US-10-292-798-1284	Sequence 1284, Ap	826	200.5	14.8	101	17	US-10-840-723-519	Sequence 519, App
754	217.5	16.1	1852	15	US-10-085-198-60	Sequence 60, Appl	827	200.5	14.8	101	17	US-10-871-603-519	Sequence 519, App
755	217	16.0	36	14	US-10-133-128-189	Sequence 189, App	828	199	14.7	80	16	US-10-693-057-474	Sequence 474, App
756	217	16.0	36	14	US-10-289-660-189	Sequence 189, App	829	199	14.7	80	17	US-10-693-056-474	Sequence 474, App
757	217	16.0	36	16	US-10-693-057-189	Sequence 189, App	830	199	14.7	80	17	US-10-840-723-474	Sequence 474, App
758	217	16.0	36	17	US-10-693-056-189	Sequence 189, App	831	199	14.7	80	17	US-10-871-602-474	Sequence 474, App
759	217	16.0	36	17	US-10-840-723-189	Sequence 189, App	832	199	14.7	100	16	US-10-693-057-430	Sequence 430, App
760	217	16.0	36	17	US-10-871-602-189	Sequence 189, App	833	199	14.7	100	17	US-10-693-056-430	Sequence 430, App
761	216	16.0	166	11	US-09-750-972-33	Sequence 33, Appl	834	199	14.7	100	17	US-10-840-723-430	Sequence 430, App
762	216	16.0	208	11	US-09-750-972-27	Sequence 27, Appl	835	199	14.7	100	17	US-10-871-602-430	Sequence 430, App
763	216	16.0	1113	15	US-10-464-368-78	Sequence 78, Appl	836	198	14.6	86	16	US-10-693-057-510	Sequence 510, App
764	216	16.0	1113	17	US-10-526-083-4	Sequence 4, Appl	837	198	14.6	86	17	US-10-693-056-510	Sequence 510, App
765	215.5	15.9	89	11	US-09-750-972-46	Sequence 46, Appl	838	198	14.6	86	17	US-10-840-723-510	Sequence 510, App
766	215.5	15.9	862	14	US-10-281-478-3	Sequence 3, Appl	839	198	14.6	86	17	US-10-871-603-510	Sequence 510, App
767	215.5	15.9	862	15	US-10-464-368-90	Sequence 90, Appl	840	198	14.6	90	16	US-10-693-057-425	Sequence 425, App
768	215.5	15.9	862	15	US-10-464-368-91	Sequence 91, Appl	841	198	14.6	90	17	US-10-693-056-425	Sequence 425, App
769	215	15.8	3707	17	US-10-852-335A-139	Sequence 139, App	842	198	14.6	90	17	US-10-840-723-425	Sequence 425, App
770	214.5	15.8	864	15	US-10-464-368-92	Sequence 92, App	843	198	14.6	90	17	US-10-871-603-425	Sequence 425, App
771	214	15.8	91	16	US-10-693-057-427	Sequence 427, App	844	197.5	14.6	122	11	US-09-750-973-25	Sequence 25, Appl
772	214	15.8	91	17	US-10-693-056-427	Sequence 427, App	845	197.5	14.6	150	11	US-09-750-973-28	Sequence 28, Appl
773	214	15.8	91	17	US-10-840-723-427	Sequence 427, App	846	196.5	14.5	81	16	US-10-693-057-468	Sequence 468, App
774	214	15.8	91	17	US-10-871-602-427	Sequence 427, App	847	196.5	14.5	81	17	US-10-693-056-468	Sequence 468, App
775	214	15.8	1553	15	US-10-415-188-5	Sequence 5, Appl	848	196.5	14.5	81	17	US-10-840-723-468	Sequence 468, App
776	214	15.8	1613	15	US-10-464-368-83	Sequence 83, Appl	849	196.5	14.5	81	17	US-10-871-603-468	Sequence 468, App
777	214	15.8	1613	15	US-10-464-368-84	Sequence 84, Appl	850	196	14.5	72	10	US-09-989-443-102	Sequence 102, App
778	214	15.8	1613	16	US-10-477-238A-811	Sequence 811, App	851	196	14.5	90	16	US-10-693-057-508	Sequence 508, App
779	214	15.8	1613	16	US-10-680-287A-811	Sequence 811, App	852	196	14.5	90	17	US-10-693-056-508	Sequence 508, App
780	214	15.8	1613	17	US-10-477-173-764	Sequence 764, App	853	196	14.5	90	17	US-10-840-723-508	Sequence 508, App
781	213	15.7	126	11	US-09-750-972-38	Sequence 38, Appl	854	196	14.5	90	17	US-10-871-603-508	Sequence 508, App
782	212	15.7	91	16	US-10-693-057-415	Sequence 415, App	855	195.5	14.4	90	16	US-10-693-057-422	Sequence 422, App
783	212	15.7	91	17	US-10-693-056-415	Sequence 415, App	856	195.5	14.4	90	17	US-10-693-056-422	Sequence 422, App
784	212	15.7	91	17	US-10-840-723-415	Sequence 415, App	857	195.5	14.4	90	17	US-10-840-723-422	Sequence 422, App
785	212	15.7	91	17	US-10-871-602-415	Sequence 415, App	858	195.5	14.4	90	17	US-10-871-602-422	Sequence 422, App
786	210.5	15.5	89	17	US-10-840-723-518	Sequence 518, App	859	194	14.3	338	14	US-10-029-386-31944	Sequence 31944, A
787	210.5	15.5	89	17	US-10-871-602-518	Sequence 518, App	860	194	14.3	485	9	US-09-925-298-740	Sequence 740, App
788	209.5	15.5	1718	15	US-10-415-188-6	Sequence 6, Appl	861	194	14.3	485	14	US-10-102-806-740	Sequence 740, App
789	208	15.4	89	16	US-10-693-057-428	Sequence 428, App	862	194	14.3	713	10	US-09-796-753-4	Sequence 4, Appl
790	208	15.4	89	17	US-10-693-056-428	Sequence 428, App	867	194	14.3	713	10	US-09-894-159-6	Sequence 6, Appl
791	208	15.4	89	17	US-10-840-723-428	Sequence 428, App	868	194	14.3	713	10	US-09-894-159-44	Sequence 44, Appl
792	208	15.4	89	17	US-10-871-602-428	Sequence 428, App	869	194	14.3	713	14	US-10-167-743-183	Sequence 183, App
793	207.5	15.3	85	16	US-10-693-057-472	Sequence 472, App	870	194	14.3	713	14	US-10-223-085-80	Sequence 80, Appl
794	207.5	15.3	85	17	US-10-693-056-472	Sequence 472, App	871	194	14.3	713	14	US-10-223-088-80	Sequence 80, Appl
795	207.5	15.3	85	17	US-10-840-723-472	Sequence 472, App	872	194	14.3	713	14	US-10-223-088-80	Sequence 80, Appl
796	207.5	15.3	85	17	US-10-871-602-472	Sequence 472, App	873	194	14.3	713	14	US-10-223-090-80	Sequence 80, Appl
797	207	15.3	97	16	US-10-693-057-507	Sequence 507, App	874	194	14.3	713	14	US-10-223-087-80	Sequence 80, Appl
798	207	15.3	97	17	US-10-693-056-507	Sequence 507, App	875	194	14.3	713	14	US-10-223-088-80	Sequence 80, Appl
799	207	15.3	97	17	US-10-840-723-507	Sequence 507, App	876	194	14.3	713	14	US-10-223-089-80	Sequence 80, Appl
800	206	15.2	89	16	US-10-693-057-413	Sequence 413, App	877	194	14.3	713	14	US-10-174-587-416	Sequence 416, App
801	206	15.2	89	17	US-10-693-056-413	Sequence 413, App	878	194	14.3	713	14	US-10-223-081-80	Sequence 80, Appl
802	206	15.2	89	17	US-10-840-723-413	Sequence 413, App	879	194	14.3	713	14	US-10-223-082-80	Sequence 80, Appl
803	206	15.2	89	17	US-10-871-602-413	Sequence 413, App	880	194	14.3	713	15	US-10-170-428A-183	Sequence 183, App
804	206	15.2	89	17	US-10-871-602-413	Sequence 413, App	881	194	14.3	713	15	US-10-210-028-183	Sequence 183, App
805	205	15.1	404	15	US-10-187-975-98	Sequence 98, Appl	882	194	14.3	713	15	US-10-162-521A-183	Sequence 183, App
806	203.5	15.0	83	16	US-10-693-057-475	Sequence 475, App	883	194	14.3	713	15	US-10-305-654-80	Sequence 80, Appl
807	203.5	15.0	83	17	US-10-693-056-475	Sequence 475, App	884	194	14.3	713	15	US-10-264-237-2722	Sequence 2722, Ap
808	203.5	15.0	83	17	US-10-840-723-475	Sequence 475, App	885	194	14.3	713	15	US-10-081-056-80	Sequence 80, Appl
809	203.5	15.0	83	17	US-10-871-602-475	Sequence 475, App	886	194	14.3	713	17	US-10-081-851-183	Sequence 183, App
810	202.5	15.0	548	15	US-10-369-493-5768	Sequence 5768, Ap	887	194	14.3	713	17	US-10-805-667-183	Sequence 183, App
811	201.5	14.9	800	16	US-10-473-127-800	Sequence 800, App	888	194	14.3	713	17	US-10-897-359-183	Sequence 183, App
812	201	14.8	161	11	US-09-750-972-26	Sequence 26, Appl	889	194	14.3	713	17	US-10-893-802-183	Sequence 183, App
813	201	14.8	591	17	US-10-865-978-17	Sequence 17, Appl	890	194	14.3	713	17	US-10-897-360-183	Sequence 183, App
814	201	14.8	719	17	US-10-865-978-16	Sequence 16, Appl	891	193.5	14.3	855	15	US-10-072-012-356	Sequence 356, App
815	201	14.8	889	17	US-10-865-978-22	Sequence 22, Appl	892	193.5	14.3	855	15	US-10-072-012-414	Sequence 414, App
816	201	14.8	900	17	US-10-865-978-15	Sequence 15, Appl	893	193.5	14.3	855	15	US-10-072-012-417	Sequence 417, App

1494 193 14.3 81 16 US-10-693-057-469
1495 193 14.3 81 17 US-10-693-056-469
1496 193 14.3 81 17 US-10-840-723-469
1497 193 14.3 81 17 US-10-871-602-469
1498 193 14.3 100 16 US-10-693-057-424
1499 193 14.3 100 17 US-10-693-056-424
1500 193 14.3 100 17 US-10-840-723-424

Sequence 469, App
Sequence 469, App
Sequence 469, App
Sequence 469, App
Sequence 424, App
Sequence 424, App
Sequence 424, App

Search completed: June 29, 2005, 11:37:11
Job time : 91.411 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:07:57 ; Search time 25.8298 Seconds
(without alignments)
731.178 Million cell updates/sec

Title: US-09-904-532B-127_COPY_30_282
Perfect score: 1354
Sequence: 1 GLEAASPLSTPTSAQAAGP.....GLLVAMKESLLSEQKTSPLP 253

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : Issued Patents AA:*

1: /cgn2_6/ptodata/1/iaa/5A COMB.pep.*

2: /cgn2_6/ptodata/1/iaa/5B COMB.pep.*

3: /cgn2_6/ptodata/1/iaa/6A COMB.pep.*

4: /cgn2_6/ptodata/1/iaa/6B COMB.pep.*

5: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pep.*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1354	100.0	282	4	US-09-907-794A-127
2	1354	100.0	282	4	US-09-905-125A-127
3	1354	100.0	282	4	US-09-902-775A-127
4	1354	100.0	282	4	US-09-906-700-127
5	1354	100.0	282	4	US-09-808-847-1
6	1354	100.0	282	4	US-09-903-603A-127
7	1354	100.0	282	4	US-09-904-920A-127
8	1354	100.0	282	4	US-09-909-064-127
9	1354	100.0	282	4	US-09-905-381A-127
10	1354	100.0	282	4	US-09-906-618-127
11	277	20.5	873	3	US-08-393-734-2
12	277	20.5	873	3	US-08-894-489-2
13	277	20.5	904	4	US-09-949-016-9528
14	273.5	20.2	846	1	US-08-149-103-3
15	273.5	20.2	846	1	US-08-451-883-3
16	270.5	20.0	846	1	US-08-149-103-4
17	270.5	20.0	846	1	US-08-451-883-4
18	251	18.5	2362	4	US-09-949-016-8985
19	251	18.5	4544	2	US-08-469-486-52
20	251	18.5	4544	2	US-08-469-486-52
21	245	18.1	726	6	5208144-37
22	245	18.1	726	6	5208144-37
23	245	18.1	2214	1	US-08-727-034-7
24	245	18.1	2214	1	US-09-919-039-40
25	239	17.7	4654	3	US-08-476-515A-84
26	239	17.7	4655	3	US-08-652-877-84
27	239	17.7	4655	3	US-08-652-877-86
28	239	17.7	239	3	US-08-652-877-88
29	239	17.7	239	3	US-08-652-877-90
30	237.5	17.5	1586	4	US-09-060-299-44
31	237.5	17.5	1586	4	US-09-402-923A-44
32	237.5	17.5	1614	4	US-09-060-299-42
33	237.5	17.5	1614	4	US-09-402-923A-42
34	236	17.4	2213	1	US-08-727-034-3
35	228.5	16.9	1345	4	US-09-949-016-8313
36	227	16.8	4391	4	US-10-006-011A-2
37	226.5	16.7	356	1	US-08-228-162-2
38	226.5	16.7	860	1	US-08-092-817-4
39	226.5	16.7	860	3	US-08-485-128-4
40	226.5	16.7	860	4	US-09-804-778A-8
41	226.5	16.7	860	4	US-09-824-637-4
42	226.5	16.7	1074	2	US-08-470-058-2
43	226.5	16.7	1074	3	US-09-037-188-2
44	226.5	16.7	1074	3	US-09-037-188-2
45	226.5	16.7	1074	3	US-09-285-310-2
46	226.5	16.7	1410	2	US-08-470-058-4
47	226.5	16.7	1410	3	US-09-037-188-4
48	224.5	16.6	1451	4	US-09-285-310-4
49	224.5	16.6	1451	4	US-09-060-299-25
50	224.5	16.6	1584	4	US-09-402-923A-25
51	224.5	16.6	1584	4	US-09-060-299-39
52	224.5	16.6	1584	4	US-09-402-923A-39
53	224.5	16.6	1591	4	US-09-060-299-4
54	224.5	16.6	1591	4	US-09-060-299-43
55	224.5	16.6	1591	4	US-09-402-923A-4
56	224.5	16.6	1615	4	US-09-402-923A-43
57	224.5	16.6	1615	4	US-09-060-299-3
58	224.5	16.6	1639	4	US-09-402-923A-3
59	224.5	16.6	1639	4	US-09-060-299-29
60	223.5	16.5	1615	4	US-09-402-923A-29
61	223.5	16.5	1615	4	US-09-544-398B-3
62	223.5	16.5	1615	4	US-09-544-398B-4
63	223.5	16.5	1615	4	US-09-543-771B-3
64	219.5	16.2	943	3	US-09-543-771B-4
65	219.5	16.2	943	3	US-08-476-515A-12
66	216	16.0	1113	4	US-08-652-877-12
67	214	15.8	1621	4	US-09-959-392-4
68	207.5	15.3	884	6	US-09-949-016-8450
69	207.5	15.3	884	6	5208144-8
70	205.5	15.2	750	6	5208144-8
71	201	14.8	159	6	US-09-270-767-42975
72	201	14.8	159	6	5208144-35
73	201	14.8	159	6	5208144-35
74	198	14.6	158	4	US-09-959-392-2
75	198	14.6	158	4	US-09-270-767-32962
76	194	14.3	137	4	US-09-270-767-48179
77	193	14.3	132	4	US-09-270-767-32781
78	191	14.1	345	4	US-09-148-545-147
79	190	14.0	161	4	US-10-293-622-2
80	188.5	13.9	902	4	US-10-293-622-4
81	188.5	13.9	902	4	US-09-544-600-10
82	183.5	13.6	806	4	US-09-654-600A-10
83	182	13.4	302	4	US-09-949-016-7248
84	182	13.4	302	4	US-09-270-767-33326
85	176.5	13.0	136	4	US-09-270-767-48543
86	173.5	12.8	855	2	US-09-513-999C-4465
87	173.5	12.8	855	2	US-09-027-337-2
88	173.5	12.8	855	4	US-09-844-600-2
89	172.5	12.7	242	4	US-09-654-600A-2
90	151	11.2	441	4	US-09-270-767-32046
91	140.5	10.4	652	2	US-09-949-016-11196
92	140	10.3	107	4	US-08-751-305-2
93	140	10.3	107	4	US-10-000-489-10
94	140	10.3	107	4	US-10-000-489-12
95	140	10.3	107	4	US-10-000-489-14
96	137.5	10.2	473	4	US-10-000-489-16
97	135.5	10.0	35	4	US-09-949-016-7944
98	135.5	10.0	35	4	US-09-060-299-22
99	135.5	10.0	37	4	US-09-402-923A-22
100	135.5	10.0	37	4	US-09-060-299-18
					US-09-402-923A-18

Sequence 88, Appl
Sequence 90, Appl
Sequence 44, Appl
Sequence 44, Appl
Sequence 42, Appl
Sequence 42, Appl
Sequence 3, Appl
Sequence 8313, Ap
Sequence 2, Appl
Sequence 2, Appl
Sequence 4, Appl
Sequence 4, Appl
Sequence 8, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 4, Appl
Sequence 4, Appl
Sequence 4, Appl
Sequence 25, Appl
Sequence 25, Appl
Sequence 39, Appl
Sequence 39, Appl
Sequence 43, Appl
Sequence 43, Appl
Sequence 43, Appl
Sequence 3, Appl
Sequence 3, Appl
Sequence 29, Appl
Sequence 29, Appl
Sequence 3, Appl
Sequence 4, Appl
Sequence 3, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 8450, Ap
Patent No. 5208144
Patent No. 5208144
Patent No. 5208144
Patent No. 5208144
Sequence 32962, A
Sequence 48179, A
Sequence 32781, A
Sequence 147, App
Sequence 147, App
Sequence 2, Appl
Sequence 4, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 7248, Ap
Sequence 3326, A
Sequence 48543, A
Sequence 4465, Ap
Sequence 2, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 32046, A
Sequence 11196, A
Sequence 2, Appl
Sequence 2, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 14, Appl
Sequence 16, Appl
Sequence 7944, Ap
Sequence 22, Appl
Sequence 22, Appl
Sequence 18, Appl
Sequence 18, Appl

101	133.5	9.9	508	4	US-09-902-540-10562	Sequence 10562, A	174	106	7.8	1404	4	US-09-195-524-2	Sequence 2, Appli
102	129.5	9.6	2254	4	US-09-949-016-9270	Sequence 9270, Ap	175	105.5	7.8	74	4	US-09-621-976-4087	Sequence 4087, Ap
103	125.5	9.3	291	4	US-09-270-767-45280	Sequence 45280, A	176	105.5	7.8	170	4	US-08-828-683A-14	Sequence 14, Appl
104	123	9.1	39	4	US-09-060-299-17	Sequence 17, Appl	177	105.5	7.8	170	4	US-09-523-323-57	Sequence 57, Appl
105	123	9.1	39	4	US-09-402-923A-17	Sequence 17, Appl	178	105.5	7.8	1540	4	US-09-949-016-11382	Sequence 11382, A
106	119	8.8	298	4	US-09-902-540-12595	Sequence 12595, A	179	105.5	7.8	1540	4	US-09-949-016-11383	Sequence 11383, A
107	118.5	8.8	515	4	US-09-902-540-16669	Sequence 16669, A	180	105.5	7.8	1719	2	US-08-459-568-4	Sequence 4, Appli
108	118	8.7	42	6	5208144-19	Patent No. 5208144	181	105.5	7.8	1719	2	US-08-399-411-4	Sequence 4, Appli
109	118	8.7	42	6	5208144-19	Patent No. 5208144	182	105.5	7.8	1719	3	US-08-516-859A-4	Sequence 4, Appli
110	118	8.7	348	3	US-09-071-709-2	Sequence 2, Appli	183	105.5	7.8	1719	3	US-09-586-472-4	Sequence 4, Appli
111	118	8.7	529	4	US-09-742-201-2	Sequence 2, Appli	184	105.5	7.8	1719	4	US-09-528-706-4	Sequence 4, Appli
112	117	8.6	42	6	5208144-22	Patent No. 5208144	185	104.5	7.7	28	4	US-09-959-392-27	Sequence 27, Appl
113	117	8.6	42	6	5208144-22	Patent No. 5208144	186	104	7.7	557	1	US-08-313-288B-16	Sequence 16, Appl
114	116.5	8.6	197	2	US-08-505-606-1	Sequence 1, Appli	187	104	7.7	560	2	US-08-559-492-5	Sequence 5, Appli
115	116.5	8.6	197	4	US-09-000-166-1	Sequence 1, Appli	188	104	7.7	560	4	US-09-949-016-10197	Sequence 10197, A
116	116.5	8.6	197	4	US-09-303-262-1	Sequence 1, Appli	189	103	7.6	583	4	US-09-641-612-2	Sequence 2, Appli
117	115.5	8.5	37	3	US-09-518-046-11	Sequence 11, Appl	190	103	7.6	737	4	US-09-866-028-15	Sequence 15, Appl
118	115	8.5	41	6	5208144-18	Patent No. 5208144	191	103	7.6	737	4	US-09-944-457-15	Sequence 15, Appl
119	115	8.5	41	6	5208144-18	Patent No. 5208144	192	102.5	7.6	1036	3	US-09-068-740A-6	Sequence 6, Appli
120	113	8.3	525	4	US-09-538-092-299	Sequence 299, App	193	102.5	7.6	1067	3	US-09-579-536C-18	Sequence 18, Appl
121	113	8.3	798	1	US-08-200-900A-2	Sequence 2, Appli	194	102.5	7.6	1187	3	US-09-068-740A-7	Sequence 7, Appli
122	113	8.3	798	4	US-08-794-042-2	Sequence 2, Appli	195	102.5	7.6	1208	4	US-09-199-865-1	Sequence 1, Appli
123	113	8.3	798	5	PCT-US94-00616-2	Sequence 2, Appli	196	102.5	7.6	1208	4	US-10-213-329-1	Sequence 1, Appli
124	112	8.3	234	4	US-09-902-540-15175	Sequence 15175, A	197	102.5	7.6	1218	2	US-08-400-159-6	Sequence 6, Appli
125	111.5	8.2	583	4	US-09-902-540-10714	Sequence 10714, A	198	102.5	7.6	1218	3	US-08-611-729A-6	Sequence 6, Appli
126	110	8.1	1964	3	US-09-467-997-1	Sequence 1, Appli	199	102.5	7.6	1218	3	US-08-882-046-2	Sequence 2, Appli
127	109.5	8.1	613	4	US-09-302-540-9893	Sequence 9893, Ap	200	102.5	7.6	1218	3	US-09-214-278-7	Sequence 7, Appli
128	109.5	8.1	1940	2	US-08-644-271-30	Sequence 30, Appl	201	102.5	7.6	1218	3	US-09-068-740A-11	Sequence 11, Appl
129	109.5	8.1	1940	4	US-09-077-955-34	Sequence 34, Appl	202	102.5	7.6	1218	4	US-09-855-722-7	Sequence 7, Appli
130	109	8.1	259	3	US-09-006-353A-2	Sequence 2, Appli	203	102.5	7.6	1218	4	US-09-566-047-2	Sequence 2, Appli
131	109	8.1	259	4	US-09-573-986-2	Sequence 2, Appli	204	102.5	7.6	1218	4	US-09-917-254-85	Sequence 85, Appl
132	109	8.1	299	3	US-09-153-927-3	Sequence 3, Appli	205	102.5	7.6	1218	4	US-09-195-524-6	Sequence 6, Appli
133	109	8.1	299	4	US-09-134-618-4	Sequence 4, Appli	206	102.5	7.6	1218	4	US-09-579-536C-1	Sequence 1, Appli
134	109	8.1	299	4	US-09-949-016-6422	Sequence 6422, Ap	207	102.5	7.6	1218	4	US-09-949-016-5902	Sequence 5902, Ap
135	109	8.1	301	4	US-09-949-016-9189	Sequence 9189, Ap	208	102.5	7.6	1219	3	US-08-882-046-5	Sequence 5, Appli
136	108.5	8.0	513	3	US-08-685-558A-18	Sequence 18, Appl	209	102.5	7.6	1219	4	US-09-566-047-5	Sequence 5, Appli
137	108.5	8.0	513	4	US-09-765-449-18	Sequence 18, Appl	210	102.5	7.6	1254	4	US-09-949-016-10297	Sequence 10297, A
138	108.5	8.0	571	4	US-09-949-016-10184	Sequence 10184, A	211	102	7.5	427	3	US-09-086-483A-4	Sequence 4, Appli
139	108.5	8.0	2523	1	US-08-185-432-18	Sequence 18, Appl	212	102	7.5	427	3	US-09-041-886-2	Sequence 2, Appli
140	108.5	8.0	2523	4	US-08-899-232-3	Sequence 3, Appli	213	102	7.5	427	3	US-09-006-353A-5	Sequence 5, Appli
141	108.5	8.0	2523	4	US-09-121-457-3	Sequence 2, Appli	214	102	7.5	427	4	US-09-573-986-5	Sequence 5, Appli
142	108	8.0	303	1	US-08-109-391A-2	Sequence 2, Appli	215	102	7.5	427	4	US-09-580-212-4	Sequence 4, Appli
143	108	8.0	303	2	US-08-459-019A-2	Sequence 2, Appli	216	102	7.5	427	4	US-09-769-402-4	Sequence 4, Appli
144	108	8.0	303	2	US-08-460-428A-2	Sequence 2, Appli	217	102	7.5	427	4	US-09-748-537-13	Sequence 13, Appl
145	108	8.0	303	3	US-08-458-860A-2	Sequence 2, Appli	218	102	7.5	427	4	US-10-092-138A-24	Sequence 24, Appl
146	107.5	7.9	469	1	US-08-313-288B-15	Sequence 15, Appl	219	102	7.5	427	3	US-09-949-016-6233	Sequence 6233, Ap
147	107.5	7.9	484	4	US-09-949-016-9698	Sequence 9698, Ap	220	102	7.5	455	3	US-09-527-236A-4	Sequence 4, Appli
148	107.5	7.9	512	4	US-09-770-767-43154	Sequence 43154, A	221	102	7.5	455	4	US-09-756-854-4	Sequence 4, Appli
149	107.5	7.9	2199	4	US-08-793-273C-2	Sequence 2, Appli	222	102	7.5	464	4	US-09-949-016-9441	Sequence 9441, Ap
150	107.5	7.9	2199	5	PCT-US95-11684-2	Sequence 2, Appli	223	102	7.5	1171	1	US-08-445-135-1	Sequence 1, Appli
151	107.5	7.9	2200	4	US-09-796-575-2	Sequence 2, Appli	224	102	7.5	1251	5	PCT-US95-02251-3	Sequence 3, Appli
152	107.5	7.9	2703	1	US-08-185-432-19	Sequence 19, Appl	225	102	7.5	1252	1	US-08-199-780-3	Sequence 3, Appli
153	107.5	7.9	2703	4	US-08-899-232-4	Sequence 4, Appli	226	102	7.5	1252	4	US-08-316-650-3	Sequence 3, Appli
154	107.5	7.9	2703	4	US-09-121-457-4	Sequence 4, Appli	227	102	7.5	2556	1	US-08-185-432-17	Sequence 17, Appl
155	107	7.9	235	4	US-09-902-540-15031	Sequence 15031, A	228	102	7.5	2556	1	US-08-083-590A-20	Sequence 20, Appl
156	107	7.9	277	2	US-08-147-784-2	Sequence 2, Appli	229	102	7.5	2556	3	US-08-532-384-20	Sequence 20, Appl
157	107	7.9	277	3	US-08-195-967-2	Sequence 2, Appli	230	102	7.5	2556	4	US-08-899-232-2	Sequence 2, Appli
158	107	7.9	277	3	US-09-006-353A-12	Sequence 12, Appl	231	102	7.5	2556	4	US-09-121-457-2	Sequence 2, Appli
159	107	7.9	277	3	US-08-472-940-2	Sequence 2, Appli	232	101	7.5	186	1	US-08-089-458B-6	Sequence 6, Appli
160	107	7.9	277	4	US-09-573-986-12	Sequence 12, Appl	233	101	7.5	299	3	US-09-188-930-332	Sequence 332, App
161	107	7.9	277	4	US-09-880-939-2	Sequence 2, Appli	234	101	7.5	299	4	US-09-312-283C-192	Sequence 192, App
162	107	7.9	277	4	US-09-804-200-2	Sequence 2, Appli	235	101	7.5	299	4	US-09-312-283C-332	Sequence 332, App
163	107	7.9	550	4	US-09-949-016-11512	Sequence 11512, A	236	101	7.5	1761	4	US-09-561-709B-1	Sequence 1, Appli
164	107	7.9	2508	4	US-09-627-650B-7	Sequence 7, Appli	237	101	7.5	1765	4	US-09-562-702A-16	Sequence 16, Appl
165	107	7.9	2508	4	US-09-436-063C-7	Sequence 3, Appli	238	101	7.5	1765	4	US-09-561-818A-16	Sequence 16, Appl
166	107	7.9	2544	4	US-09-627-650B-3	Sequence 3, Appli	239	101	7.5	1786	4	US-09-562-702A-14	Sequence 14, Appl
167	107	7.9	2544	4	US-09-436-063C-3	Sequence 3, Appli	240	101	7.5	1786	4	US-09-561-818A-14	Sequence 14, Appl
168	107	7.9	2601	4	US-09-627-650B-9	Sequence 9, Appli	241	101	7.5	1786	4	US-09-561-709B-9	Sequence 9, Appli
169	107	7.9	2601	4	US-09-436-063C-9	Sequence 9, Appli	242	101	7.5	1786	4	US-09-538-092-869	Sequence 869, App
170	106.5	7.9	583	4	US-09-976-594-837	Sequence 837, App	243	100.5	7.4	257	4	US-09-252-991A-31869	Sequence 31869, A
171	106	7.8	277	4	US-08-469-633A-4	Sequence 4, Appli	244	100.5	7.4	392	4	US-09-764-325A-23	Sequence 23, Appl
172	106	7.8	1404	2	US-08-400-159-2	Sequence 2, Appli	245	100.5	7.4	392	4	US-09-764-325A-25	Sequence 25, Appl
173	106	7.8	1404	3	US-08-611-729A-2	Sequence 2, Appli	246	100.5	7.4	392	4	US-09-912-935-23	Sequence 23, Appl

247	100.5	7.4	332	4	US-09-912-935-25	Sequence 25, Appl	320	95	7.0	1799	4	US-09-845-583A-6	Sequence 6, Appl
248	100.5	7.4	499	4	US-09-912-935-31	Sequence 31, Appl	321	94.5	7.0	176	4	US-09-252-991A-21933	Sequence 21933, A
249	100.5	7.4	529	4	US-09-912-935-28	Sequence 28, Appl	322	94.5	7.0	277	4	US-09-270-767-46430	Sequence 46430, A
250	100.5	7.4	529	4	US-09-912-935-40	Sequence 40, Appl	323	94.5	7.0	401	6	5252556-1	Patent No. 5252556
251	100.5	7.4	584	1	US-08-313-288B-17	Sequence 17, Appl	324	94.5	7.0	401	6	5252556-1	Patent No. 5252556
252	100.5	7.4	614	4	US-09-949-016-8536	Sequence 8536, Ap	325	94.5	7.0	515	4	US-09-635-872A-6	Sequence 6, Appl
253	100.5	7.4	1010	3	US-08-882-046-7	Sequence 7, Appl	326	94.5	7.0	515	4	US-09-636-077A-6	Sequence 6, Appl
254	100.5	7.4	1010	4	US-09-566-047-7	Sequence 7, Appl	327	94.5	7.0	515	4	US-09-636-060C-6	Sequence 6, Appl
255	100	7.4	5405	3	US-08-718-388-9	Sequence 9, Appl	328	94.5	7.0	515	4	US-09-986-552-6	Sequence 6, Appl
256	99.5	7.3	289	4	US-09-902-540-12179	Sequence 12179, A	329	94.5	7.0	515	4	US-09-636-596C-6	Sequence 6, Appl
257	99.5	7.3	1706	2	US-08-459-568-2	Sequence 2, Appl	330	94.5	7.0	515	4	US-10-023-894-18	Sequence 18, Appl
258	99.5	7.3	1706	3	US-08-399-411-2	Sequence 2, Appl	331	94.5	7.0	515	4	US-10-306-686-6	Sequence 6, Appl
259	99.5	7.3	1706	3	US-08-516-859A-2	Sequence 2, Appl	332	94.5	7.0	536	4	US-09-252-991A-16754	Sequence 16754, A
260	99.5	7.3	1706	3	US-09-586-472-2	Sequence 2, Appl	333	94.5	7.0	1128	4	US-09-627-650B-11	Sequence 11, Appl
261	99.5	7.3	1706	3	US-09-528-706-2	Sequence 2, Appl	334	94.5	7.0	1128	4	US-09-436-063C-11	Sequence 11, Appl
262	99	7.3	415	3	US-09-006-353A-6	Sequence 6, Appl	335	94.5	7.0	1652	4	US-09-627-650B-11	Sequence 11, Appl
263	99	7.3	415	4	US-09-573-986-6	Sequence 6, Appl	336	94.5	7.0	1652	4	US-09-436-063C-1	Sequence 1, Appl
264	99	7.3	1253	3	US-08-479-722B-4	Sequence 4, Appl	337	94.5	7.0	2088	4	US-09-548-372D-13	Sequence 13, Appl
265	99	7.3	1253	4	US-09-592-685-4	Sequence 4, Appl	338	94.5	7.0	2088	4	US-09-548-367D-13	Sequence 13, Appl
266	98.5	7.3	299	3	US-09-188-930-192	Sequence 192, App	339	94.5	7.0	2088	4	US-09-551-853D-13	Sequence 13, Appl
267	98.5	7.3	1171	4	US-09-560-385A-36	Sequence 36, Appl	340	94.5	7.0	2088	4	US-09-548-376D-13	Sequence 13, Appl
268	98.5	7.3	1192	4	US-09-560-385A-34	Sequence 34, Appl	341	94.5	7.0	2088	4	US-09-548-373D-13	Sequence 13, Appl
269	98.5	7.3	1358	1	US-08-404-665-4	Sequence 4, Appl	342	94.5	7.0	2088	4	US-09-548-366B-13	Sequence 13, Appl
270	98.5	7.3	1358	1	US-08-404-671-4	Sequence 4, Appl	343	94.5	7.0	2088	4	US-09-548-368B-13	Sequence 13, Appl
271	98.5	7.3	1358	1	US-08-404-781-4	Sequence 4, Appl	344	94	6.9	189	4	US-09-252-991A-18839	Sequence 18839, A
272	98	7.2	2471	1	US-08-185-432-16	Sequence 16, Appl	345	94	6.9	521	4	US-09-949-016-11081	Sequence 11081, A
273	98	7.2	2471	1	US-08-083-590A-19	Sequence 19, Appl	346	94	6.9	521	4	US-09-949-016-11082	Sequence 11082, A
274	98	7.2	2471	3	US-08-532-384-19	Sequence 19, Appl	347	94	6.9	521	4	US-09-949-016-11083	Sequence 11083, A
275	98	7.2	2471	4	US-08-899-232-1	Sequence 1, Appl	348	94	6.9	702	3	US-09-068-740A-4	Sequence 4, Appl
276	98	7.2	2471	4	US-09-121-457-1	Sequence 1, Appl	349	94	6.9	721	4	US-09-949-016-11031	Sequence 11031, A
277	97.5	7.2	281	3	US-08-652-877-7	Sequence 7, Appl	350	94	6.9	723	3	US-09-068-740A-9	Sequence 9, Appl
278	97.5	7.2	281	3	US-08-476-515A-7	Sequence 7, Appl	351	94	6.9	723	3	US-09-423-753-27	Sequence 27, Appl
279	97.5	7.2	683	4	US-09-620-412C-357	Sequence 357, App	352	94	6.9	1238	3	US-09-214-278-5	Sequence 5, Appl
280	97.5	7.2	683	4	US-09-598-419-357	Sequence 357, App	353	94	6.9	1238	4	US-09-855-722-5	Sequence 21, Appl
281	97.5	7.2	1148	3	US-08-882-046-4	Sequence 4, Appl	354	93.5	6.9	35	4	US-09-060-299-21	Sequence 21, Appl
282	97.5	7.2	1148	4	US-09-566-047-4	Sequence 4, Appl	355	93.5	6.9	35	4	US-09-402-923A-21	Sequence 21, Appl
283	97.5	7.2	1461	4	US-10-142-231-86	Sequence 86, Appl	356	93.5	6.9	43	6	5208144-27	Patent No. 5208144
284	97	7.2	3084	4	US-09-562-702A-12	Sequence 12, Appl	357	93.5	6.9	43	6	5208144-27	Patent No. 5208144
285	97	7.2	3106	4	US-09-562-702A-10	Sequence 10, Appl	358	93.5	6.9	224	4	US-09-270-767-59848	Sequence 59848, A
286	96.5	7.1	36	4	US-09-060-299-20	Sequence 20, Appl	359	93.5	6.9	265	4	US-09-903-456-77	Sequence 77, Appl
287	96.5	7.1	36	4	US-09-402-923A-20	Sequence 20, Appl	360	93.5	6.9	433	2	US-09-270-767-4417	Sequence 4417, A
288	96.5	7.1	1104	2	US-08-327-832-5	Sequence 5, Appl	361	93.5	6.9	561	2	US-08-559-492-12	Sequence 12, Appl
289	96.5	7.1	1248	3	US-08-828-584-5	Sequence 5, Appl	362	93.5	6.9	721	3	US-08-872-855-7	Sequence 7, Appl
290	96.5	7.1	1248	3	US-08-882-046-6	Sequence 6, Appl	363	93.5	6.9	915	1	US-08-346-455B-69	Sequence 69, Appl
291	96.5	7.1	1248	4	US-09-566-047-6	Sequence 6, Appl	364	93.5	6.9	915	3	US-08-977-221-69	Sequence 69, Appl
292	96	7.1	348	1	US-08-468-847B-14	Sequence 14, Appl	365	93.5	6.9	915	4	US-09-483-831B-69	Sequence 69, Appl
293	96	7.1	735	3	US-09-191-647-9	Sequence 9, Appl	366	93.5	6.9	915	5	PCT-US95-06613-69	Sequence 69, Appl
294	96	7.1	735	3	US-09-340-245A-9	Sequence 9, Appl	367	93.5	6.9	1935	4	US-09-949-016-10403	Sequence 10403, A
295	96	7.1	735	3	US-09-540-153-9	Sequence 9, Appl	368	93.5	6.9	2871	4	US-09-538-092-1076	Sequence 1076, Ap
296	96	7.1	1065	2	US-08-400-159-8	Sequence 8, Appl	369	93	6.9	35	3	US-09-518-046-13	Sequence 13, Appl
297	96	7.1	1656	4	US-09-949-016-7247	Sequence 7247, Ap	370	93	6.9	256	1	US-08-236-918A-6	Sequence 6, Appl
298	96	7.1	1821	3	US-09-949-016-5938	Sequence 5938, Ap	371	93	6.9	256	3	US-09-150-864B-6	Sequence 6, Appl
299	96	7.1	2594	3	US-08-718-388-7	Sequence 7, Appl	372	93	6.9	256	3	US-08-012-269A-2	Sequence 2, Appl
300	95.5	7.1	713	3	US-08-872-855-5	Sequence 5, Appl	373	93	6.9	256	4	US-09-623-545A-3	Sequence 3, Appl
301	95.5	7.1	1055	3	US-09-214-278-2	Sequence 2, Appl	374	93	6.9	256	5	PCT-US96-03965-2	Sequence 2, Appl
302	95.5	7.1	1055	3	US-09-855-722-2	Sequence 2, Appl	375	93	6.9	273	4	US-09-252-991A-22218	Sequence 22218, A
303	95.5	7.1	1212	3	US-09-214-278-3	Sequence 3, Appl	376	93	6.9	319	3	US-08-630-172-12	Sequence 12, Appl
304	95.5	7.1	1212	3	US-09-855-722-3	Sequence 3, Appl	377	93	6.9	319	3	US-09-375-419-12	Sequence 12, Appl
305	95.5	7.1	1257	3	US-08-611-729A-8	Sequence 8, Appl	378	93	6.9	615	4	US-09-270-767-45755	Sequence 45755, A
306	95.5	7.1	1257	4	US-09-195-524-8	Sequence 8, Appl	379	93	6.9	723	4	US-09-641-612-6	Sequence 6, Appl
307	95.5	7.1	2321	4	US-09-230-652-2	Sequence 2, Appl	380	93	6.9	816	2	US-08-820-170A-37	Sequence 37, Appl
308	95	7.0	294	3	US-09-518-046-4	Sequence 4, Appl	381	93	6.9	816	3	US-09-055-699-37	Sequence 37, Appl
309	95	7.0	454	3	US-09-518-046-2	Sequence 2, Appl	382	93	6.9	816	3	US-09-273-565-37	Sequence 37, Appl
310	95	7.0	455	3	US-09-261-416-2	Sequence 2, Appl	383	93	6.9	816	3	US-09-565-538-37	Sequence 37, Appl
311	95	7.0	458	4	US-09-302-540-12664	Sequence 12664, A	384	93	6.9	816	3	US-09-661-468-37	Sequence 37, Appl
312	95	7.0	835	3	US-09-284-819-6	Sequence 6, Appl	385	93	6.9	816	3	US-09-976-165-37	Sequence 37, Appl
313	95	7.0	835	4	US-09-262-537-12	Sequence 12, Appl	386	93	6.9	1193	2	US-08-400-159-10	Sequence 10, Appl
314	95	7.0	835	4	US-09-631-603-9	Sequence 9, Appl	387	93	6.9	1193	3	US-08-611-729A-10	Sequence 10, Appl
315	95	7.0	1388	4	US-09-463-048A-6	Sequence 6, Appl	388	93	6.9	1193	4	US-09-195-524-10	Sequence 10, Appl
316	95	7.0	1725	4	US-09-562-702A-20	Sequence 20, Appl	389	93	6.9	1345	2	US-08-977-767-3	Sequence 3, Appl
317	95	7.0	1725	4	US-09-561-818A-20	Sequence 20, Appl	390	92.5	6.8	422	4	US-09-949-016-8251	Sequence 8251, Ap
318	95	7.0	1786	4	US-09-562-702A-18	Sequence 18, Appl	391	92.5	6.8	430	4	US-09-949-016-8782	Sequence 8782, Ap
319	95	7.0	1786	4	US-09-561-818A-18	Sequence 18, Appl	392	92.5	6.8	970	4	US-09-949-016-10131	Sequence 10131, A

393	92.5	6.8	2353	3	US-08-984-709A-50	Sequence 50, Appl	466	90	6.6	2123	4	US-09-949-016-7517	Sequence 7517, Ap
394	92.5	6.8	3635	4	US-09-845-583A-2	Sequence 2, Appli	467	90	6.6	3070	4	US-09-961-403-7	Sequence 7, Appli
395	92.5	6.8	3647	4	US-09-349-016-10332	Sequence 10932, A	468	90	6.6	3088	4	US-09-562-702A-8	Sequence 8, Appli
396	92	6.8	326	1	US-08-292-549-4	Sequence 4, Appli	469	90	6.6	3089	4	US-09-562-702A-4	Sequence 4, Appli
397	92	6.8	326	5	PCT-US91-02207-4	Sequence 4, Appli	470	90	6.6	3110	4	US-09-562-702A-2	Sequence 2, Appli
398	92	6.8	344	4	US-09-904-615-131	Sequence 131, App	471	90	6.6	3110	4	US-09-562-702A-6	Sequence 6, Appli
399	92	6.8	478	5	PCT-US95-08493-15	Sequence 15, Appl	472	90	6.6	3110	4	US-09-561-709B-7	Sequence 7, Appli
400	92	6.8	860	5	PCT-US95-08493-19	Sequence 19, Appl	473	90	6.6	3110	4	US-09-917-254-86	Sequence 86, Appl
401	92	6.8	868	5	PCT-US95-08493-21	Sequence 21, Appl	474	90	6.6	3110	4	US-09-949-016-5937	Sequence 5937, Ap
402	91.5	6.8	35	3	US-09-518-046-12	Sequence 12, Appl	475	90	6.6	3111	2	US-08-460-309-4	Sequence 4, Appli
403	91.5	6.8	175	4	US-09-252-991A-29157	Sequence 29157, A	476	90	6.6	3111	2	US-08-125-077-4	Sequence 4, Appli
404	91.5	6.8	301	4	US-09-902-540-11985	Sequence 11985, A	477	89.5	6.6	169	3	US-08-476-509B-28	Sequence 28, Appl
405	91.5	6.8	348	3	US-09-292-036-3	Sequence 3, Appli	478	89.5	6.6	210	4	US-09-252-991A-31903	Sequence 31903, A
406	91.5	6.8	475	4	US-09-270-767-46207	Sequence 46207, A	479	89.5	6.6	770	4	US-09-252-991A-30323	Sequence 30323, A
407	91.5	6.8	571	4	US-09-302-540-16194	Sequence 16194, A	480	89.5	6.6	830	3	US-08-872-855-11	Sequence 11, Appl
408	91.5	6.8	1073	4	US-09-949-016-9771	Sequence 9771, Ap	481	89.5	6.6	910	4	US-09-902-540-10793	Sequence 10793, A
409	91.5	6.8	1101	4	US-09-561-709B-5	Sequence 5, Appli	482	89.5	6.6	1130	4	US-09-538-092-834	Sequence 834, App
410	91.5	6.8	1111	1	US-08-317-450B-15	Sequence 15, Appl	483	89.5	6.6	1169	4	US-09-949-016-9630	Sequence 9630, Ap
411	91.5	6.8	1111	3	US-08-800-593-15	Sequence 15, Appl	484	89.5	6.6	1235	4	US-09-949-016-8455	Sequence 8455, Ap
412	91.5	6.8	1172	4	US-09-560-385A-28	Sequence 28, Appl	485	89.5	6.6	1235	4	US-09-949-016-8456	Sequence 8456, Ap
413	91.5	6.8	1172	4	US-09-560-385A-32	Sequence 32, Appl	486	89	6.6	148	3	US-08-882-907-15	Sequence 15, Appl
414	91.5	6.8	1193	1	US-08-317-450B-13	Sequence 13, Appl	487	89	6.6	148	4	US-10-032-658-15	Sequence 15, Appl
415	91.5	6.8	1193	3	US-08-800-593-13	Sequence 13, Appl	488	89	6.6	224	4	US-08-974-022-50	Sequence 50, Appl
416	91.5	6.8	1193	4	US-09-560-385A-26	Sequence 26, Appl	489	89	6.6	224	3	US-08-795-445A-50	Sequence 50, Appl
417	91.5	6.8	1193	4	US-09-560-385A-30	Sequence 30, Appl	490	89	6.6	224	3	US-08-795-447A-50	Sequence 50, Appl
418	91.5	6.8	1342	4	US-09-561-709B-13	Sequence 13, Appl	491	89	6.6	224	3	US-08-974-186-50	Sequence 50, Appl
419	91	6.7	233	4	US-09-302-540-14590	Sequence 14590, A	492	89	6.6	224	3	US-08-795-448B-50	Sequence 50, Appl
420	91	6.7	610	4	US-09-538-092-1378	Sequence 1378, Ap	493	89	6.6	224	3	US-08-706-945D-137	Sequence 137, App
421	91	6.7	827	4	US-09-248-796A-17307	Sequence 17307, A	494	89	6.6	224	4	US-08-577-788C-51	Sequence 51, Appl
422	91	6.7	889	5	PCT-US93-11725-2	Sequence 2, Appli	495	89	6.6	321	4	US-09-949-016-9782	Sequence 9782, Ap
423	91	6.7	1497	4	US-09-060-854B-2	Sequence 2, Appli	496	89	6.6	490	4	US-09-907-794A-96	Sequence 96, Appl
424	91	6.7	1497	4	US-09-529-904-3	Sequence 3, Appli	497	89	6.6	490	4	US-09-905-125A-96	Sequence 96, Appl
425	91	6.7	2050	2	US-08-347-594A-2	Sequence 2, Appli	498	89	6.6	490	4	US-09-902-775A-96	Sequence 96, Appl
426	91	6.7	2813	4	US-09-381-261A-1	Sequence 1, Appli	499	89	6.6	490	4	US-09-906-700-96	Sequence 96, Appl
427	90.5	6.7	36	4	US-09-060-299-19	Sequence 19, Appl	500	89	6.6	490	4	US-09-903-603A-96	Sequence 96, Appl
428	90.5	6.7	36	4	US-09-402-923A-19	Sequence 2, Appli	501	89	6.6	490	4	US-09-904-920A-96	Sequence 96, Appl
429	90.5	6.7	349	1	US-08-167-628-2	Sequence 2, Appli	502	89	6.6	490	4	US-09-909-064-96	Sequence 96, Appl
430	90.5	6.7	349	1	US-08-386-680-2	Sequence 2, Appli	503	89	6.6	490	4	US-09-905-381A-96	Sequence 96, Appl
431	90.5	6.7	349	1	US-08-459-717-2	Sequence 2, Appli	504	89	6.6	490	4	US-09-906-618-96	Sequence 96, Appl
432	90.5	6.7	349	1	US-08-712-302-2	Sequence 2, Appli	505	89	6.6	717	3	US-08-872-855-9	Sequence 9, Appli
433	90.5	6.7	349	3	US-08-880-031-2	Sequence 2, Appli	506	89	6.6	832	3	US-09-981-392-6	Sequence 6, Appli
434	90.5	6.7	349	3	US-09-054-368-2	Sequence 2, Appli	507	89	6.6	832	4	US-09-908-322-6	Sequence 6, Appli
435	90.5	6.7	349	3	US-09-097-179-2	Sequence 2, Appli	508	89	6.6	861	1	US-08-346-455B-67	Sequence 67, Appl
436	90.5	6.7	349	3	US-09-054-274-2	Sequence 2, Appli	509	89	6.6	861	3	US-08-977-221-67	Sequence 67, Appl
437	90.5	6.7	349	3	US-09-080-715-2	Sequence 2, Appli	510	89	6.6	861	4	US-09-483-831B-67	Sequence 67, Appl
438	90.5	6.7	349	3	US-09-056-704-2	Sequence 2, Appli	511	89	6.6	861	5	PCT-US95-06613-67	Sequence 67, Appl
439	90.5	6.7	349	3	US-09-292-036-4	Sequence 4, Appli	512	89	6.6	1239	2	US-08-937-931-2	Sequence 2, Appli
440	90.5	6.7	349	3	US-09-253-316-26	Sequence 26, Appl	513	89	6.6	1239	3	US-09-285-502-2	Sequence 2, Appli
441	90.5	6.7	349	4	US-09-142-569-8	Sequence 8, Appli	514	89	6.6	1239	3	US-09-709-126-2	Sequence 2, Appli
442	90.5	6.7	349	4	US-09-461-688-2	Sequence 2, Appli	515	89	6.6	1239	3	US-09-871-385A-2	Sequence 2, Appli
443	90.5	6.7	349	4	US-09-495-448A-8	Sequence 8, Appli	516	89	6.6	3075	2	US-08-460-309-5	Sequence 5, Appli
444	90.5	6.7	349	5	PCT-US96-08140-2	Sequence 4, Appli	517	89	6.6	3075	2	US-08-125-077-5	Sequence 5, Appli
445	90.5	6.7	750	3	US-09-165-239A-4	Sequence 4, Appli	518	89	6.6	3623	4	US-09-341-461-2	Sequence 2, Appli
446	90.5	6.7	786	3	US-09-103-429A-3	Sequence 3, Appli	519	88.5	6.5	38	6	5208144-23	Patent No. 5208144
447	90.5	6.7	786	3	US-09-538-092-1258	Sequence 1258, Ap	520	88.5	6.5	38	6	5208144-23	Patent No. 5208144
448	90.5	6.7	5179	4	US-09-270-767-43579	Sequence 43579, A	521	88.5	6.5	211	3	US-09-286-529-20	Sequence 20, Appl
449	90	6.6	258	4	US-09-252-991A-23169	Sequence 23169, A	522	88.5	6.5	233	4	US-09-216-393B-110	Sequence 110, App
450	90	6.6	306	4	US-09-582-337-2	Sequence 2, Appli	523	88.5	6.5	258	4	US-09-252-991A-20810	Sequence 20810, A
451	90	6.6	347	4	US-09-981-392-13	Sequence 13, Appl	524	88.5	6.5	348	1	US-08-468-847B-15	Sequence 15, Appl
452	90	6.6	578	3	US-08-908-322-13	Sequence 13, Appl	525	88.5	6.5	348	4	US-09-142-569-6	Sequence 6, Appli
453	90	6.6	578	4	US-09-981-392-13	Sequence 13, Appl	526	88.5	6.5	348	4	US-09-495-448A-6	Sequence 6, Appli
454	90	6.6	833	1	US-08-264-534-6	Sequence 6, Appli	527	88.5	6.5	427	4	US-09-902-540-10191	Sequence 10191, A
455	90	6.6	833	1	US-08-083-590A-2	Sequence 2, Appli	528	88.5	6.5	453	4	US-09-686-583B-12	Sequence 12, Appl
456	90	6.6	833	1	US-08-465-500-6	Sequence 6, Appli	529	88.5	6.5	466	4	US-09-949-016-7792	Sequence 7792, Ap
457	90	6.6	833	2	US-08-346-126-6	Sequence 6, Appli	530	88.5	6.5	494	4	US-09-248-796A-16546	Sequence 16546, A
458	90	6.6	833	2	US-08-346-128-6	Sequence 6, Appli	531	88.5	6.5	575	4	US-09-949-016-11264	Sequence 11264, A
459	90	6.6	833	3	US-08-532-384-2	Sequence 2, Appli	532	88.5	6.5	575	4	US-09-949-016-11265	Sequence 11265, A
460	90	6.6	833	3	US-08-893-828-6	Sequence 6, Appli	533	88.5	6.5	575	4	US-09-949-016-11266	Sequence 11266, A
461	90	6.6	868	1	US-08-374-834-1	Sequence 1, Appli	534	88.5	6.5	575	4	US-09-949-016-11267	Sequence 11267, A
462	90	6.6	868	2	US-08-644-271-1	Sequence 1, Appli	535	88.5	6.5	595	1	US-08-225-983-2	Sequence 2, Appli
463	90	6.6	868	4	US-09-077-955-1	Sequence 1, Appli	536	88.5	6.5	595	1	US-08-570-923-2	Sequence 2, Appli
464	90	6.6	1587	4	US-09-845-583A-10	Sequence 10, Appl	537	88.5	6.5	595	1	US-08-580-014-2	Sequence 2, Appli
465	90	6.6	1587	4	US-09-561-709B-3	Sequence 3, Appli	538	88.5	6.5	595	2	US-08-232-087A-2	Sequence 2, Appli

539	88.5	6.5	595	3	US-09-079-785-2	Sequence 2, Appli	612	87	6.4	263	2	US-08-972-008-2	Sequence 2, Appli
540	88.5	6.5	595	3	US-09-006-353A-9	Sequence 9, Appli	613	87	6.4	263	3	US-09-141-027-2	Sequence 2, Appli
541	88.5	6.5	595	4	US-09-573-986-9	Sequence 9, Appli	614	87	6.4	263	4	US-09-267-409-2	Sequence 2, Appli
542	88.5	6.5	595	4	US-09-921-667-6	Sequence 6, Appli	615	87	6.4	263	4	US-09-617-804-2	Sequence 2, Appli
543	88.5	6.5	595	4	US-09-628-126-2	Sequence 2, Appli	616	87	6.4	263	4	US-09-949-016-6662	Sequence 6662, Ap
544	88.5	6.5	595	4	US-09-949-016-6048	Sequence 6048, Ap	617	87	6.4	263	4	US-09-902-540-14119	Sequence 14119, A
545	88.5	6.5	642	4	US-09-949-016-8043	Sequence 8043, Ap	618	87	6.4	265	4	US-09-949-016-7262	Sequence 7262, Ap
546	88.5	6.5	657	4	US-09-949-016-11365	Sequence 11365, A	619	87	6.4	288	4	US-09-091-952A-4	Sequence 4, Appli
547	88.5	6.5	657	4	US-09-949-016-11366	Sequence 11366, A	620	87	6.4	306	4	US-09-091-952A-3	Sequence 3, Appli
548	88.5	6.5	657	4	US-09-949-016-11367	Sequence 11367, A	621	87	6.4	335	4	US-09-252-991A-32163	Sequence 32163, A
549	88.5	6.5	657	4	US-09-949-016-11368	Sequence 11368, A	622	87	6.4	425	4	US-09-748-537-14	Sequence 14, Appli
550	88.5	6.5	677	4	US-09-949-016-11369	Sequence 11369, A	623	87	6.4	437	4	US-09-252-991A-25331	Sequence 25331, A
551	88.5	6.5	677	4	US-09-949-016-11370	Sequence 11370, A	624	87	6.4	432	3	US-09-342-749-2	Sequence 2, Appli
552	88.5	6.5	677	4	US-09-949-016-11371	Sequence 11371, A	625	87	6.4	492	4	US-09-691-840-2	Sequence 2, Appli
553	88.5	6.5	677	4	US-09-949-016-11372	Sequence 11372, A	626	87	6.4	510	4	US-09-949-016-11074	Sequence 11074, A
554	88.5	6.5	1854	4	US-09-949-016-11625	Sequence 11625, A	627	87	6.4	593	3	US-08-991-862-17	Sequence 17, Appli
555	88	6.5	171	4	US-09-252-991A-29708	Sequence 29708, A	628	87	6.4	593	4	US-09-813-156-17	Sequence 17, Appli
556	88	6.5	200	4	US-09-252-991A-22497	Sequence 22497, A	629	87	6.4	593	4	US-09-456-886-17	Sequence 17, Appli
557	88	6.5	227	4	US-09-252-991A-23206	Sequence 23206, A	630	87	6.4	593	4	US-09-824-647-17	Sequence 17, Appli
558	88	6.5	263	4	US-09-902-540-12633	Sequence 12633, A	631	87	6.4	1400	3	US-08-630-915A-37	Sequence 37, Appli
559	88	6.5	299	3	US-09-286-529-17	Sequence 17, Appli	632	87	6.4	1400	3	US-09-879-957-37	Sequence 37, Appli
560	88	6.5	483	3	US-09-049-672A-5	Sequence 5, Appli	633	87	6.4	1525	3	US-09-191-647-2	Sequence 2, Appli
561	88	6.5	487	4	US-09-800-729-145	Sequence 145, App	634	87	6.4	1525	3	US-09-540-245A-2	Sequence 2, Appli
562	88	6.5	482	4	US-09-759-143-932	Sequence 143, App	635	87	6.4	1525	3	US-09-540-153-2	Sequence 2, Appli
563	88	6.5	564	4	US-09-949-016-11730	Sequence 11730, A	636	87	6.4	1917	4	US-09-627-650B-5	Sequence 5, Appli
564	88	6.5	625	3	US-09-042-785A-23	Sequence 23, Appli	637	87	6.4	1917	4	US-09-436-063C-5	Sequence 5, Appli
565	88	6.5	625	3	US-09-949-016-8500	Sequence 8500, Ap	638	86.5	6.4	38	6	520814A-25	Patent No. 520814A
566	88	6.5	655	3	US-08-959-382-2	Sequence 2, Appli	639	86.5	6.4	38	6	520814A-25	Patent No. 520814A
567	88	6.5	655	3	US-09-527-236A-2	Sequence 2, Appli	640	86.5	6.4	181	4	US-09-252-991A-26978	Sequence 26978, A
568	88	6.5	655	4	US-09-314-844F-2	Sequence 2, Appli	641	86.5	6.4	251	4	US-09-902-540-10049	Sequence 10049, A
569	88	6.5	655	4	US-09-756-854-2	Sequence 2, Appli	642	86.5	6.4	253	4	US-09-252-991A-29632	Sequence 29632, A
570	88	6.5	777	4	US-09-270-767-44409	Sequence 44409, A	643	86.5	6.4	572	6	5256770-7	Patent No. 5256770
571	88	6.5	869	1	US-08-374-834-16	Sequence 16, Appli	644	86.5	6.4	572	6	5256770-7	Patent No. 5256770
572	88	6.5	869	2	US-08-644-271-29	Sequence 29, Appli	645	86.5	6.4	591	3	US-08-965-903B-2	Sequence 2, Appli
573	88	6.5	869	4	US-09-077-955-33	Sequence 33, Appli	646	86.5	6.4	720	3	US-08-872-855-4	Sequence 4, Appli
574	88	6.5	869	4	US-09-715-249-8	Sequence 8, Appli	647	86.5	6.4	722	3	US-08-981-392-12	Sequence 12, Appli
575	88	6.5	1300	4	US-09-902-540-9932	Sequence 9932, Ap	648	86.5	6.4	722	3	US-09-908-322-12	Sequence 12, Appli
576	88	6.5	1529	4	US-09-312-283C-396	Sequence 396, App	649	86.5	6.4	729	3	US-08-872-855-8	Sequence 8, Appli
577	87.5	6.5	170	4	US-09-252-991A-22362	Sequence 22362, A	650	86.5	6.4	961	4	US-09-657-472-4	Sequence 4, Appli
578	87.5	6.5	210	4	US-09-252-991A-22446	Sequence 22446, A	651	86.5	6.4	961	5	PCT-US91-11725-4	Sequence 4, Appli
579	87.5	6.5	214	4	US-09-936-019-1	Sequence 1, Appli	652	86	6.4	77	1	US-08-264-534-1	Sequence 1, Appli
580	87.5	6.5	300	2	US-08-794-796-2	Sequence 2, Appli	653	86	6.4	77	1	US-08-083-590A-14	Sequence 14, Appli
581	87.5	6.5	300	4	US-09-632-277A-2	Sequence 2, Appli	654	86	6.4	77	1	US-08-465-500-1	Sequence 1, Appli
582	87.5	6.5	300	4	US-09-523-323-52	Sequence 52, Appli	655	86	6.4	77	2	US-08-346-126-1	Sequence 1, Appli
583	87.5	6.5	300	4	US-09-896-096A-1	Sequence 1, Appli	656	86	6.4	77	2	US-08-346-128-1	Sequence 1, Appli
584	87.5	6.5	300	4	US-09-936-019-3	Sequence 3, Appli	657	86	6.4	77	2	US-08-532-384-14	Sequence 14, Appli
585	87.5	6.5	333	4	US-09-949-016-7678	Sequence 7678, Ap	658	86	6.4	77	3	US-08-893-828-1	Sequence 1, Appli
586	87.5	6.5	345	4	US-09-461-912A-43	Sequence 43, Appli	659	86	6.4	109	1	US-08-485-359-4	Sequence 4, Appli
587	87.5	6.5	345	4	US-09-949-016-6164	Sequence 6164, Ap	660	86	6.4	109	1	US-08-569-594-4	Sequence 4, Appli
588	87.5	6.5	351	3	US-09-245-041-11	Sequence 11, Appli	661	86	6.4	109	5	PCT-US96-08815-4	Sequence 4, Appli
589	87.5	6.5	351	4	US-09-358-055B-11	Sequence 11, Appli	662	86	6.4	175	4	US-09-252-991A-21648	Sequence 21648, A
590	87.5	6.5	351	4	US-09-893-238-11	Sequence 11, Appli	663	86	6.4	347	3	US-09-187-478-2	Sequence 2, Appli
591	87.5	6.5	357	1	US-08-468-847B-17	Sequence 17, Appli	664	86	6.4	347	3	US-09-292-036-2	Sequence 2, Appli
592	87.5	6.5	357	3	US-09-253-316-25	Sequence 25, Appli	665	86	6.4	520	3	US-09-068-740A-3	Sequence 3, Appli
593	87.5	6.5	425	4	US-09-912-935-35	Sequence 35, Appli	666	86	6.4	593	1	US-07-668-648-4	Sequence 4, Appli
594	87.5	6.5	814	3	US-09-813-819-4	Sequence 4, Appli	667	86	6.4	593	2	US-08-429-998-4	Sequence 4, Appli
595	87.5	6.5	814	3	US-09-920-048-4	Sequence 4, Appli	668	86	6.4	593	4	US-08-431-333-4	Sequence 4, Appli
596	87.5	6.5	814	4	US-10-014-501-4	Sequence 4, Appli	669	86	6.4	593	5	PCT-US91-02321-4	Sequence 4, Appli
597	87.5	6.5	855	3	US-09-813-819-2	Sequence 2, Appli	670	86	6.4	613	4	US-09-949-016-9775	Sequence 9775, Ap
598	87.5	6.5	855	3	US-09-920-048-2	Sequence 2, Appli	671	86	6.4	631	4	US-09-252-991A-20063	Sequence 20063, A
599	87.5	6.5	855	4	US-10-014-501-2	Sequence 2, Appli	672	86	6.4	772	4	US-09-252-991A-30446	Sequence 30446, A
600	87.5	6.5	908	4	US-08-714-741-44	Sequence 44, Appli	673	86	6.4	1015	1	US-08-537-210A-1	Sequence 1, Appli
601	87.5	6.5	1019	1	US-08-296-014A-4	Sequence 4, Appli	674	86	6.4	1015	3	US-09-113-825-1	Sequence 1, Appli
602	87.5	6.5	1019	2	US-08-596-405-4	Sequence 4, Appli	675	85.5	6.3	196	3	US-08-981-392-35	Sequence 35, Appli
603	87.5	6.5	1019	2	US-08-877-620-4	Sequence 4, Appli	676	85.5	6.3	196	4	US-09-908-322-35	Sequence 35, Appli
604	87.5	6.5	1019	4	US-09-287-368-4	Sequence 4, Appli	677	85.5	6.3	291	1	US-08-468-847B-19	Sequence 19, Appli
605	87.5	6.5	1019	4	US-09-626-795-4	Sequence 4, Appli	678	85.5	6.3	291	4	US-09-702-705-333	Sequence 333, App
606	87.5	6.5	1083	1	US-08-296-014A-2	Sequence 2, Appli	679	85.5	6.3	291	4	US-09-736-457-333	Sequence 333, App
607	87.5	6.5	1083	2	US-08-596-405-2	Sequence 2, Appli	680	85.5	6.3	291	4	US-09-614-124B-333	Sequence 333, App
608	87.5	6.5	1083	2	US-08-877-620-2	Sequence 2, Appli	681	85.5	6.3	291	4	US-09-671-325-333	Sequence 333, App
609	87.5	6.5	1083	4	US-09-287-368-2	Sequence 2, Appli	682	85.5	6.3	291	4	US-09-589-184-333	Sequence 333, App
610	87.5	6.5	1083	4	US-09-626-795-2	Sequence 2, Appli	683	85.5	6.3	291	4	US-09-658-824-333	Sequence 333, App
611	87	6.4	165	4	US-09-706-722A-10	Sequence 10, Appli	684	85.5	6.3	291	6	5212074-5	Patent No. 5212074

685	85.5	6.3	291	6	5212074-5	Patent No. 5212074	758	84	6.2	504	4	US-09-949-016-7403	Sequence 7403, Ap
686	85.5	6.3	383	1	US-08-597-545-2	Sequence 2, Appli	759	84	6.2	984	3	US-09-287-354-2	Sequence 2, Appli
687	85.5	6.3	383	1	US-08-457-135-2	Sequence 2, Appli	760	84	6.2	1189	3	US-09-287-354-3	Sequence 3, Appli
688	85.5	6.3	383	4	US-09-142-027A-12	Sequence 12, Appl	761	84	6.2	1189	3	US-09-287-354-4	Sequence 4, Appli
689	85.5	6.3	424	3	US-09-333-593A-8	Sequence 8, Appli	762	84	6.2	1189	4	US-09-949-016-6931	Sequence 6931, Ap
690	85.5	6.3	564	3	US-10-069-540A-2	Sequence 2, Appli	763	84	6.2	2732	4	US-09-086-436-30	Sequence 30, Appl
691	85.5	6.3	575	1	US-08-312-870-1	Sequence 1, Appli	764	83.5	6.2	218	4	US-09-252-991A-24321	Sequence 24321, A
692	85.5	6.3	575	1	US-08-170-290A-54	Sequence 54, Appl	765	83.5	6.2	425	4	US-09-252-991A-24895	Sequence 24895, A
693	85.5	6.3	575	6	5466668-6	Patent No. 5466668	766	83.5	6.2	449	3	US-08-697-954-4	Sequence 4, Appli
694	85.5	6.3	575	6	5466668-6	Patent No. 5466668	767	83.5	6.2	453	6	5206152-7	Patent No. 5206152
695	85.5	6.3	886	3	US-09-110-116-3	Sequence 3, Appli	768	83.5	6.2	453	6	5206152-7	Patent No. 5206152
696	85.5	6.3	886	4	US-09-631-603-14	Sequence 14, Appl	769	83.5	6.2	500	4	US-09-423-753-2	Sequence 2, Appli
697	85.5	6.3	1429	3	US-09-245-041-130	Sequence 130, App	770	83.5	6.2	659	4	US-09-423-753-3	Sequence 3, Appli
698	85.5	6.3	1429	4	US-09-358-055B-131	Sequence 131, App	771	83.5	6.2	685	3	US-08-872-855-2	Sequence 2, Appli
699	85.5	6.3	3594	4	US-09-911-842A-4	Sequence 4, Appli	772	83.5	6.2	685	4	US-09-423-753-25	Sequence 25, Appl
700	85	6.3	38	6	5208144-21	Patent No. 5208144	773	83.5	6.2	685	4	US-09-641-612-7	Sequence 7, Appli
701	85	6.3	38	6	5208144-21	Patent No. 5208144	774	83	6.1	29	4	US-09-959-392-26	Sequence 26, Appl
702	85	6.3	155	4	US-09-252-991A-20281	Sequence 20281, A	775	83	6.1	143	4	US-09-270-767-33302	Sequence 33302, A
703	85	6.3	187	4	US-09-248-796A-14270	Sequence 14270, A	776	83	6.1	143	4	US-09-270-767-48519	Sequence 48519, A
704	85	6.3	264	1	US-08-482-271-3	Sequence 3, Appli	777	83	6.1	157	3	US-08-872-855-6	Sequence 6, Appli
705	85	6.3	264	1	US-08-482-271-4	Sequence 4, Appli	778	83	6.1	180	4	US-09-489-039A-12312	Sequence 12312, A
706	85	6.3	264	2	US-08-854-811-45	Sequence 45, Appl	779	83	6.1	222	4	US-09-897-772-2	Sequence 2, Appli
707	85	6.3	264	3	US-09-080-120A-2	Sequence 2, Appli	780	83	6.1	296	1	US-08-428-926-2	Sequence 2, Appli
708	85	6.3	264	4	US-09-322-484-1	Sequence 1, Appli	781	83	6.1	296	1	US-08-435-434-5	Sequence 5, Appli
709	85	6.3	264	4	US-09-089-062-1	Sequence 1, Appli	782	83	6.1	296	1	US-08-435-436-5	Sequence 5, Appli
710	85	6.3	264	5	PCT-US95-08925-2	Sequence 2, Appli	783	83	6.1	296	1	US-08-428-927-2	Sequence 2, Appli
711	85	6.3	291	3	US-09-080-120A-7	Sequence 7, Appli	784	83	6.1	296	1	US-08-428-298-2	Sequence 2, Appli
712	85	6.3	291	5	PCT-US95-08925-7	Sequence 7, Appli	785	83	6.1	296	1	US-08-339-517-2	Sequence 2, Appli
713	85	6.3	335	4	US-09-949-016-8585	Sequence 8585, Ap	786	83	6.1	296	3	US-08-438-863-5	Sequence 5, Appli
714	85	6.3	492	4	US-09-685-166A-895	Sequence 895, App	787	83	6.1	296	3	US-08-438-862-5	Sequence 5, Appli
715	85	6.3	492	4	US-09-879-792-14	Sequence 14, Appl	788	83	6.1	296	4	US-09-684-708A-3	Sequence 3, Appl
716	85	6.3	492	4	US-09-679-426-895	Sequence 895, App	789	83	6.1	320	3	US-09-183-861-22	Sequence 22, Appl
717	85	6.3	492	4	US-09-759-143-895	Sequence 895, App	790	83	6.1	320	3	US-09-183-861-55	Sequence 55, Appl
718	85	6.3	530	4	US-09-912-935-38	Sequence 38, Appl	791	83	6.1	320	3	US-09-022-765-22	Sequence 22, Appl
719	85	6.3	633	4	US-09-949-016-11734	Sequence 11734, A	792	83	6.1	320	3	US-09-022-765-55	Sequence 55, Appl
720	85	6.3	1155	4	US-09-560-385A-24	Sequence 24, Appl	793	83	6.1	320	4	US-09-551-974A-22	Sequence 22, Appl
721	85	6.3	1167	4	US-09-560-385A-20	Sequence 20, Appl	794	83	6.1	320	4	US-09-551-974A-55	Sequence 55, Appl
722	85	6.3	1172	4	US-09-919-172-16	Sequence 16, Appl	795	83	6.1	320	4	US-09-565-501A-22	Sequence 22, Appl
723	85	6.3	1174	4	US-09-560-385A-22	Sequence 22, Appl	796	83	6.1	320	4	US-09-565-501A-55	Sequence 55, Appl
724	85	6.3	1186	4	US-09-560-385A-18	Sequence 18, Appl	797	83	6.1	320	4	US-09-639-206A-22	Sequence 22, Appl
725	84.5	6.2	28	4	US-09-959-392-28	Sequence 28, Appl	798	83	6.1	320	4	US-09-639-206A-55	Sequence 55, Appl
726	84.5	6.2	74	3	US-08-679-493A-33	Sequence 33, Appl	799	83	6.1	320	4	US-09-874-923-22	Sequence 22, Appl
727	84.5	6.2	573	3	US-09-042-785A-2	Sequence 2, Appli	800	83	6.1	320	4	US-08-874-923-55	Sequence 55, Appl
728	84.5	6.2	575	1	US-08-261-206A-59	Sequence 59, Appl	801	83	6.1	320	4	US-08-798-841-22	Sequence 22, Appl
729	84.5	6.2	575	4	US-09-880-484D-2	Sequence 2, Appli	802	83	6.1	321	4	US-09-270-767-45035	Sequence 45035, A
730	84.5	6.2	575	4	US-10-438-648-2	Sequence 2, Appli	803	83	6.1	334	4	US-09-949-016-9975	Sequence 9975, Ap
731	84.5	6.2	655	1	US-08-148-910-12	Sequence 12, Appl	804	83	6.1	350	4	US-09-134-618-6	Sequence 6, Appli
732	84.5	6.2	655	1	US-08-448-937A-12	Sequence 12, Appl	805	83	6.1	353	4	US-09-907-794A-2	Sequence 2, Appli
733	84.5	6.2	788	4	US-09-294-663-3	Sequence 3, Appli	806	83	6.1	353	4	US-09-905-125A-2	Sequence 2, Appli
734	84.5	6.2	802	4	US-09-632-098-2	Sequence 2, Appli	807	83	6.1	353	4	US-09-902-775A-2	Sequence 2, Appli
735	84.5	6.2	802	4	US-10-377-308-2	Sequence 2, Appli	808	83	6.1	353	4	US-09-906-700-2	Sequence 2, Appli
736	84.5	6.2	869	4	US-09-252-991A-16746	Sequence 16746, A	809	83	6.1	353	4	US-09-903-603A-2	Sequence 2, Appli
737	84.5	6.2	996	4	US-09-949-016-8254	Sequence 8254, Ap	810	83	6.1	353	4	US-09-904-920A-2	Sequence 2, Appli
738	84.5	6.2	1153	4	US-09-560-385A-16	Sequence 16, Appl	811	83	6.1	353	4	US-09-909-064-2	Sequence 2, Appli
739	84.5	6.2	1170	4	US-09-561-709B-12	Sequence 12, Appl	812	83	6.1	353	4	US-09-905-381A-2	Sequence 2, Appli
740	84.5	6.2	1170	4	US-09-560-385A-14	Sequence 14, Appl	813	83	6.1	353	4	US-09-906-618-2	Sequence 2, Appli
741	84.5	6.2	1394	4	US-09-349-016-5971	Sequence 5971, Ap	814	83	6.1	380	4	US-09-205-258-441	Sequence 441, App
742	84.5	6.2	1394	6	5177197-30	Patent No. 5177197	815	83	6.1	440	3	US-08-683-038A-2	Sequence 2, Appli
743	84.5	6.2	1394	6	5177197-30	Patent No. 5177197	816	83	6.1	440	4	US-09-536-201-2	Sequence 2, Appli
744	84.5	6.2	1798	4	US-09-645-583A-8	Sequence 8, Appli	817	83	6.1	440	4	US-09-578-392-2	Sequence 2, Appli
745	84.5	6.2	1798	4	US-09-561-709B-11	Sequence 11, Appl	818	83	6.1	515	4	US-09-270-767-46765	Sequence 46765, A
746	84.5	6.2	1798	4	US-09-917-254-87	Sequence 87, Appl	819	83	6.1	709	4	US-08-874-923-121	Sequence 121, App
747	84.5	6.2	2476	2	US-08-276-967-2	Sequence 2, Appli	820	83	6.1	728	3	US-08-981-392-2	Sequence 2, Appli
748	84	6.2	38	6	5208144-20	Patent No. 5208144	821	83	6.1	728	4	US-09-908-322-2	Sequence 2, Appli
749	84	6.2	38	6	5208144-20	Patent No. 5208144	822	83	6.1	737	1	US-08-188-582-16	Sequence 16, Appl
750	84	6.2	158	3	US-08-679-493A-24	Sequence 24, Appl	823	83	6.1	737	1	US-08-646-715-16	Sequence 15, Appl
751	84	6.2	172	4	US-09-252-991A-20172	Sequence 20172, A	824	83	6.1	775	4	US-09-786-256C-15	Sequence 32, Appl
752	84	6.2	252	4	US-09-902-540-10412	Sequence 10412, A	825	83	6.1	775	4	US-09-786-256C-32	Sequence 32, Appl
753	84	6.2	341	4	US-09-252-991A-3424	Sequence 3424, A	826	83	6.1	805	3	US-09-103-429A-4	Sequence 4, Appli
754	84	6.2	372	4	US-09-270-767-41934	Sequence 41934, A	827	83	6.1	810	2	US-08-820-170A-34	Sequence 34, Appl
755	84	6.2	448	2	US-08-884-072-1	Sequence 1, Appli	828	83	6.1	810	3	US-09-055-699-34	Sequence 34, Appl
756	84	6.2	448	3	US-09-212-168-1	Sequence 1, Appli	829	83	6.1	810	3	US-09-273-565-34	Sequence 34, Appl
757	84	6.2	448	4	US-09-409-096-4	Sequence 4, Appli	830	83	6.1	810	3	US-09-565-538-34	Sequence 34, Appl

831	83	6.1	810	3	US-09-661-468-34	Sequence 34, Appl	904	81.5	6.0	119	2	US-08-469-219-20	Sequence 20, Appl
832	83	6.1	810	4	US-09-976-165-34	Sequence 34, Appl	905	81.5	6.0	119	3	US-09-228-152-19	Sequence 19, Appl
833	83	6.1	838	4	US-09-344-624-21	Sequence 21, Appl	906	81.5	6.0	136	2	US-08-560-098A-59	Sequence 53, Appl
834	83	6.1	874	4	US-09-949-016-7032	Sequence 7032, Ap	907	81.5	6.0	178	4	US-09-252-991A-31386	Sequence 31386, A
835	83	6.1	1156	3	US-08-996-083-1	Sequence 1, Appli	908	81.5	6.0	197	4	US-09-252-991A-32518	Sequence 32518, A
836	83	6.1	1156	3	US-09-429-516-1	Sequence 1, Appli	909	81.5	6.0	201	4	US-09-270-767-31650	Sequence 31650, A
837	83	6.1	1156	3	US-09-429-516-3	Sequence 3, Appli	910	81.5	6.0	201	4	US-09-270-767-46867	Sequence 46867, A
838	83	6.1	1792	4	US-09-561-818A-12	Sequence 12, Appl	911	81.5	6.0	227	4	US-09-252-991A-25546	Sequence 25546, A
839	83	6.1	1816	4	US-09-561-818A-10	Sequence 10, Appl	912	81.5	6.0	223	3	US-09-042-785A-4	Sequence 4, Appli
840	83	6.1	2647	2	US-08-583-562B-8	Sequence 8, Appli	913	81.5	6.0	292	6	5258287-24	Patent No. 5258287
841	83	6.1	2647	2	US-08-779-113-8	Sequence 8, Appli	914	81.5	6.0	292	6	5258287-24	Patent No. 5258287
842	83	6.1	2647	4	US-09-949-016-6082	Sequence 6082, Ap	915	81.5	6.0	330	4	US-09-252-991A-32186	Sequence 32186, A
843	83	6.1	2666	4	US-09-949-016-10857	Sequence 10857, A	916	81.5	6.0	338	4	US-09-252-991A-26217	Sequence 26217, A
844	82.5	6.1	34	3	US-09-518-046-10	Sequence 10, Appl	917	81.5	6.0	405	4	US-08-755-235-4	Sequence 4, Appli
845	82.5	6.1	42	4	US-09-270-767-57184	Sequence 57184, A	918	81.5	6.0	429	4	US-09-949-016-8183	Sequence 8183, Ap
846	82.5	6.1	212	4	US-09-252-991A-25305	Sequence 25305, A	919	81.5	6.0	429	4	US-09-949-016-8184	Sequence 8184, Ap
847	82.5	6.1	176	4	US-09-252-991A-28120	Sequence 28120, A	920	81.5	6.0	438	1	US-08-097-827-11	Sequence 11, Appl
848	82.5	6.1	309	4	US-09-270-767-44995	Sequence 44995, A	921	81.5	6.0	438	1	US-08-494-574-11	Sequence 11, Appl
849	82.5	6.1	370	4	US-09-252-991A-27810	Sequence 27810, A	922	81.5	6.0	509	4	US-09-907-794A-315	Sequence 315, App
850	82.5	6.1	477	4	US-09-252-991A-25916	Sequence 25916, A	923	81.5	6.0	509	4	US-09-905-125A-315	Sequence 315, App
851	82.5	6.1	477	4	US-09-248-796A-21985	Sequence 21985, A	924	81.5	6.0	509	4	US-09-902-775A-315	Sequence 315, App
852	82.5	6.1	721	3	US-08-981-392-5	Sequence 5, Appli	925	81.5	6.0	509	4	US-09-906-700-315	Sequence 315, App
853	82.5	6.1	721	4	US-09-908-322-5	Sequence 5, Appli	926	81.5	6.0	509	4	US-09-903-603A-315	Sequence 315, App
854	82.5	6.1	1036	4	US-09-949-016-6910	Sequence 6910, Ap	927	81.5	6.0	509	4	US-09-904-920A-315	Sequence 315, App
855	82.5	6.1	1049	4	US-09-538-092-72	Sequence 72, Appl	928	81.5	6.0	509	4	US-09-909-064-315	Sequence 315, App
856	82.5	6.1	1049	4	US-09-949-016-11522	Sequence 11522, A	929	81.5	6.0	509	4	US-09-905-381A-315	Sequence 315, App
857	82.5	6.1	1572	4	US-09-562-702A-32	Sequence 32, Appl	930	81.5	6.0	509	4	US-09-906-618-315	Sequence 315, App
858	82.5	6.1	1572	4	US-09-561-818A-28	Sequence 28, Appl	931	81.5	6.0	564	4	US-09-949-016-6898	Sequence 6898, Ap
859	82.5	6.1	1605	4	US-09-562-702A-30	Sequence 30, Appl	932	81.5	6.0	565	4	US-09-949-016-6902	Sequence 6902, Ap
860	82.5	6.1	1605	4	US-09-561-818A-26	Sequence 26, Appl	933	81.5	6.0	585	4	US-09-641-612-5	Sequence 5, Appli
861	82	6.1	29	4	US-09-959-392-29	Sequence 29, Appl	934	81.5	6.0	616	4	US-09-608-790-1	Sequence 1, Appli
862	82	6.1	157	3	US-08-981-392-68	Sequence 68, Appl	935	81.5	6.0	650	1	US-08-325-071-67	Sequence 67, Appl
863	82	6.1	157	4	US-09-908-322-68	Sequence 68, Appl	936	81.5	6.0	650	3	US-08-461-004A-67	Sequence 67, Appl
864	82	6.1	165	4	US-09-252-991A-25359	Sequence 25359, A	937	81.5	6.0	716	4	US-09-312-283C-183	Sequence 183, App
865	82	6.1	194	4	US-09-252-991A-24154	Sequence 24154, A	938	81.5	6.0	771	3	US-09-188-930-183	Sequence 183, App
866	82	6.1	237	4	US-09-312-283C-381	Sequence 381, App	939	81.5	6.0	1436	4	US-09-578-063-78	Sequence 78, Appl
867	82	6.1	319	4	US-08-835-279-2	Sequence 2, Appli	940	81.5	6.0	3571	4	US-09-511-842A-2	Sequence 2, Appli
868	82	6.1	327	4	US-09-949-016-92001	Sequence 92001, Ap	941	81	6.0	178	4	US-09-252-991A-23496	Sequence 23496, A
869	82	6.1	327	4	US-09-949-016-92001	Sequence 9201, Ap	942	81	6.0	211	4	US-09-252-991A-26873	Sequence 26873, A
870	82	6.1	327	4	US-09-949-016-9202	Sequence 9202, Ap	943	81	6.0	258	4	US-09-949-016-8423	Sequence 8423, Ap
871	82	6.1	327	4	US-09-949-016-9202	Sequence 9203, Ap	944	81	6.0	317	3	US-09-141-027-3	Sequence 3, Appli
872	82	6.1	327	4	US-09-949-016-9204	Sequence 9204, Ap	945	81	6.0	317	4	US-09-617-804-3	Sequence 3, Appli
873	82	6.1	327	4	US-09-949-016-9205	Sequence 9205, Ap	946	81	6.0	347	4	US-09-252-991A-19498	Sequence 19498, A
874	82	6.1	327	4	US-09-949-016-9206	Sequence 9206, Ap	947	81	6.0	463	4	US-09-907-794A-285	Sequence 285, App
875	82	6.1	379	4	US-09-907-794A-4	Sequence 4, Appli	948	81	6.0	463	4	US-09-905-125A-285	Sequence 285, App
876	82	6.1	379	4	US-09-905-125A-4	Sequence 4, Appli	949	81	6.0	463	4	US-09-902-775A-285	Sequence 285, App
877	82	6.1	379	4	US-09-902-775A-4	Sequence 4, Appli	950	81	6.0	463	4	US-09-906-700-285	Sequence 285, App
878	82	6.1	379	4	US-09-906-700-4	Sequence 4, Appli	951	81	6.0	463	4	US-09-903-603A-285	Sequence 285, App
879	82	6.1	379	4	US-09-903-603A-4	Sequence 4, Appli	952	81	6.0	463	4	US-09-904-920A-285	Sequence 285, App
880	82	6.1	379	4	US-09-904-920A-4	Sequence 4, Appli	953	81	6.0	463	4	US-09-909-064-285	Sequence 285, App
881	82	6.1	379	4	US-09-909-064-4	Sequence 4, Appli	954	81	6.0	463	4	US-09-905-381A-285	Sequence 285, App
882	82	6.1	379	4	US-09-905-381A-4	Sequence 4, Appli	955	81	6.0	463	4	US-09-906-618-285	Sequence 285, App
883	82	6.1	379	4	US-09-906-618-4	Sequence 4, Appli	956	81	6.0	478	3	US-09-570-454-2	Sequence 2, Appli
884	82	6.1	404	4	US-09-638-649-3	Sequence 3, Appli	957	81	6.0	478	4	US-09-867-521-2	Sequence 2, Appli
885	82	6.1	404	4	US-09-949-016-11025	Sequence 11025, A	958	81	6.0	587	4	US-09-949-016-8708	Sequence 8708, Ap
886	82	6.1	404	4	US-09-638-648-3	Sequence 3, Appli	959	81	6.0	587	4	US-09-949-016-8709	Sequence 8709, Ap
887	82	6.1	854	2	US-09-070-060-4	Sequence 4, Appli	960	81	6.0	629	3	US-09-079-431B-4	Sequence 4, Appli
888	82	6.1	854	3	US-09-357-746-4	Sequence 4, Appli	961	81	6.0	2150	4	US-09-321-987B-2	Sequence 2, Appli
889	82	6.1	1380	4	US-09-949-016-11688	Sequence 11688, A	962	81	6.0	2155	4	US-09-800-729-155	Sequence 155, App
890	82	6.1	1384	3	US-08-976-255-11	Sequence 11, Appl	963	80.5	5.9	137	3	US-09-036-574-4	Sequence 4, Appli
891	82	6.1	1495	4	US-08-522-726B-1	Sequence 1, Appli	964	80.5	5.9	137	4	US-08-454-294A-4	Sequence 4, Appli
892	82	6.1	1495	4	US-09-337-384-1	Sequence 1, Appli	965	80.5	5.9	169	4	US-09-252-991A-32083	Sequence 32083, A
893	82	6.1	1810	4	US-08-793-273C-4	Sequence 4, Appli	966	80.5	5.9	188	4	US-09-252-991A-29853	Sequence 29853, A
894	82	6.1	1810	5	PCT-US95-11684-4	Sequence 4, Appli	967	80.5	5.9	213	4	US-09-489-039A-11130	Sequence 11130, A
895	82	6.1	1833	3	US-08-479-722B-2	Sequence 2, Appli	968	80.5	5.9	229	4	US-09-252-991A-29247	Sequence 29247, A
896	82	6.1	1833	4	US-09-552-685-2	Sequence 2, Appli	969	80.5	5.9	232	4	US-09-252-991A-24479	Sequence 24479, A
897	82	6.1	1833	5	PCT-US95-02251-18	Sequence 18, Appl	970	80.5	5.9	247	4	US-09-252-991A-26899	Sequence 26899, A
898	82	6.1	2211	3	US-09-738-884-1	Sequence 1, Appli	971	80.5	5.9	260	3	US-09-006-353A-8	Sequence 8, Appli
899	82	6.1	2211	1	US-10-096-961A-1	Sequence 1, Appli	972	80.5	5.9	260	4	US-09-573-986-8	Sequence 8, Appli
900	81.5	6.0	119	1	US-08-468-347-20	Sequence 20, Appl	973	80.5	5.9	260	4	US-09-949-016-6047	Sequence 6047, Ap
901	81.5	6.0	119	1	US-08-226-264-24	Sequence 24, Appl	974	80.5	5.9	233	4	US-09-949-016-7945	Sequence 7945, Ap
902	81.5	6.0	119	2	US-08-467-389-20	Sequence 20, Appl	975	80.5	5.9	336	4	US-09-252-991A-17002	Sequence 17002, A
903	81.5	6.0	119	2	US-08-779-379-20	Sequence 20, Appl	976	80.5	5.9	436	4	US-09-252-991A-18298	Sequence 18298, A

977	80.5	5.9	527	4	US-09-538-092-925	Sequence 925, App	1050	79.5	5.9	375	4	US-09-902-540-10881	Sequence 10881, A
978	80.5	5.9	550	4	US-09-949-016-9758	Sequence 9758, App	1051	79.5	5.9	393	4	US-09-759-143-934	Sequence 934, App
979	80.5	5.9	551	3	US-08-796-899-29	Sequence 29, Appl	1052	79.5	5.9	446	3	US-08-956-254-2	Sequence 2, Appl
980	80.5	5.9	718	1	US-08-444-792-4	Sequence 4, Appl	1053	79.5	5.9	446	3	US-09-008-388-1	Sequence 1, Appl
981	80.5	5.9	718	1	US-08-445-042-4	Sequence 4, Appl	1054	79.5	5.9	447	1	US-08-468-853-2	Sequence 2, Appl
982	80.5	5.9	784	4	US-09-949-016-9467	Sequence 9467, App	1055	79.5	5.9	447	1	US-08-468-853-2	Sequence 2, Appl
983	80.5	5.9	788	2	US-07-728-215-32	Sequence 32, Appl	1056	79.5	5.9	447	1	US-08-310-357-2	Sequence 2, Appl
984	80.5	5.9	788	3	US-08-938-085A-32	Sequence 32, Appl	1057	79.5	5.9	447	1	US-08-468-852-2	Sequence 2, Appl
985	80.5	5.9	788	3	US-09-409-648-3	Sequence 32, Appl	1058	79.5	5.9	447	2	US-08-468-857-2	Sequence 2, Appl
986	80.5	5.9	788	3	US-09-409-648-4	Sequence 4, Appl	1059	79.5	5.9	448	2	US-09-015-815-1	Sequence 1, Appl
987	80.5	5.9	788	4	US-10-072-844-32	Sequence 32, Appl	1060	79.5	5.9	449	4	US-09-912-935-34	Sequence 34, Appl
988	80.5	5.9	788	4	US-10-072-838-32	Sequence 32, Appl	1061	79.5	5.9	609	4	US-09-949-016-7747	Sequence 7747, App
989	80.5	5.9	788	4	US-10-072-841A-32	Sequence 32, Appl	1062	79.5	5.9	609	4	US-09-949-016-7748	Sequence 7748, App
990	80.5	5.9	788	4	US-09-054-272-8	Sequence 8, Appl	1063	79.5	5.9	609	4	US-09-949-016-7749	Sequence 7749, App
991	80.5	5.9	788	4	US-09-054-272-44	Sequence 44, Appl	1064	79.5	5.9	609	4	US-09-949-016-7750	Sequence 7750, App
992	80.5	5.9	788	4	US-10-219-631A-32	Sequence 32, Appl	1065	79.5	5.9	609	4	US-09-949-016-7751	Sequence 7751, App
993	80.5	5.9	788	4	US-09-949-016-5901	Sequence 5901, App	1066	79.5	5.9	609	4	US-09-949-016-7752	Sequence 7752, App
994	80.5	5.9	846	2	US-07-728-215-33	Sequence 33, Appl	1067	79.5	5.9	609	4	US-09-949-016-7753	Sequence 7753, App
995	80.5	5.9	846	3	US-08-938-085A-33	Sequence 33, Appl	1068	79.5	5.9	609	4	US-09-949-016-7754	Sequence 7754, App
996	80.5	5.9	846	4	US-10-072-844-33	Sequence 33, Appl	1069	79.5	5.9	752	4	US-09-919-039-235	Sequence 235, App
997	80.5	5.9	846	4	US-10-072-838-33	Sequence 33, Appl	1070	79.5	5.9	815	4	US-09-538-092-1300	Sequence 1300, App
998	80.5	5.9	846	4	US-10-072-841A-33	Sequence 33, Appl	1071	79.5	5.9	852	4	US-09-070-060-3	Sequence 3, Appl
999	80.5	5.9	846	4	US-10-219-631A-33	Sequence 33, Appl	1072	79.5	5.9	852	3	US-09-357-746-3	Sequence 3, Appl
1000	80.5	5.9	1148	4	US-09-949-016-6798	Sequence 6798, App	1073	79.5	5.9	1155	4	US-09-949-016-10125	Sequence 10125, A
1001	80.5	5.9	1693	4	US-09-560-385A-4	Sequence 4, Appl	1074	79.5	5.9	1155	4	US-09-949-016-10126	Sequence 10126, A
1002	80.5	5.9	1693	4	US-09-560-385A-8	Sequence 8, Appl	1075	79.5	5.9	1178	4	US-09-902-540-15329	Sequence 15329, A
1003	80.5	5.9	1713	3	US-08-600-982-24	Sequence 24, Appl	1076	79.5	5.9	1196	1	US-08-144-121-4	Sequence 4, Appl
1004	80.5	5.9	1713	4	US-09-560-385A-6	Sequence 6, Appl	1077	79.5	5.9	1196	2	US-08-735-893-4	Sequence 4, Appl
1005	80.5	5.9	1713	4	US-09-538-092-1359	Sequence 1359, App	1078	79.5	5.9	1745	4	US-09-800-729-89	Sequence 89, Appl
1006	80.5	5.9	1713	5	PCF-US94-10261A-24	Sequence 24, Appl	1079	79.5	5.9	2813	3	US-08-896-449A-2	Sequence 2, Appl
1007	80.5	5.9	1724	4	US-09-560-385A-2	Sequence 2, Appl	1080	79.5	5.9	2813	3	US-09-132-652-2	Sequence 2, Appl
1008	80	5.9	133	4	US-09-252-991A-21161	Sequence 21161, A	1081	79.5	5.9	2813	4	US-09-886-900A-2	Sequence 2, Appl
1009	80	5.9	210	3	US-09-286-529-3	Sequence 3, Appl	1082	79.5	5.9	2813	4	US-09-662-478C-2	Sequence 2, Appl
1010	80	5.9	271	1	US-08-152-019A-28	Sequence 28, Appl	1083	79	5.8	120	4	US-09-252-991A-32057	Sequence 32057, A
1011	80	5.9	274	3	US-09-188-930-336	Sequence 336, App	1084	79	5.8	148	4	US-09-252-991A-25505	Sequence 25505, A
1012	80	5.9	274	4	US-09-312-2830-336	Sequence 336, App	1085	79	5.8	161	4	US-09-270-767-35934	Sequence 35934, A
1013	80	5.9	278	3	US-09-724-864-52	Sequence 52, Appl	1086	79	5.8	161	4	US-09-270-767-51151	Sequence 51151, A
1014	80	5.9	443	2	US-08-833-963C-2	Sequence 2, Appl	1087	79	5.8	177	4	US-09-252-991A-31950	Sequence 31950, A
1015	80	5.9	443	3	US-08-980-514-1	Sequence 1, Appl	1088	79	5.8	227	3	US-09-182-145-15	Sequence 15, Appl
1016	80	5.9	513	4	US-09-949-016-5900	Sequence 5900, App	1089	79	5.8	228	3	US-09-182-145-77	Sequence 77, Appl
1017	80	5.9	586	4	US-09-657-013-53	Sequence 53, Appl	1090	79	5.8	229	3	US-09-182-145-76	Sequence 76, Appl
1018	80	5.9	632	4	US-09-949-016-7865	Sequence 7865, App	1091	79	5.8	229	4	US-09-270-767-35290	Sequence 35290, A
1019	80	5.9	632	4	US-09-949-016-7866	Sequence 7866, App	1092	79	5.8	229	4	US-09-270-767-50507	Sequence 50507, A
1020	80	5.9	632	4	US-09-949-016-7867	Sequence 7867, App	1093	79	5.8	229	3	US-09-182-145-75	Sequence 75, Appl
1021	80	5.9	632	4	US-09-949-016-7868	Sequence 7868, App	1094	79	5.8	230	3	US-09-182-145-74	Sequence 74, Appl
1022	80	5.9	632	4	US-09-949-016-7869	Sequence 7869, App	1095	79	5.8	232	3	US-09-182-145-72	Sequence 72, Appl
1023	80	5.9	663	4	US-09-252-991A-30843	Sequence 30843, A	1096	79	5.8	233	3	US-09-182-145-71	Sequence 71, Appl
1024	80	5.9	749	4	US-09-949-016-8645	Sequence 8645, App	1097	79	5.8	233	3	US-09-182-145-70	Sequence 70, Appl
1025	80	5.9	749	4	US-09-949-016-8646	Sequence 8646, App	1098	79	5.8	235	3	US-09-182-145-69	Sequence 69, Appl
1026	80	5.9	749	4	US-09-949-016-8647	Sequence 8647, App	1099	79	5.8	236	3	US-09-182-145-68	Sequence 68, Appl
1027	80	5.9	749	4	US-09-949-016-8648	Sequence 8648, App	1100	79	5.8	237	3	US-09-182-145-67	Sequence 67, Appl
1028	80	5.9	766	4	US-09-949-016-11355	Sequence 11355, A	1101	79	5.8	238	3	US-09-182-145-66	Sequence 66, Appl
1029	80	5.9	766	4	US-09-949-016-11356	Sequence 11356, A	1102	79	5.8	239	3	US-09-182-145-65	Sequence 65, Appl
1030	80	5.9	766	4	US-09-949-016-11357	Sequence 11357, A	1103	79	5.8	240	3	US-09-182-145-64	Sequence 64, Appl
1031	80	5.9	766	4	US-09-949-016-11358	Sequence 11358, A	1104	79	5.8	241	3	US-09-182-145-63	Sequence 63, Appl
1032	80	5.9	799	1	US-08-054-077C-2	Sequence 2, Appl	1105	79	5.8	242	3	US-09-182-145-62	Sequence 62, Appl
1033	80	5.9	830	5	PCF-US91-05059-2	Sequence 2, Appl	1106	79	5.8	243	3	US-09-182-145-61	Sequence 61, Appl
1034	80	5.9	889	4	US-09-949-016-6036	Sequence 6036, App	1107	79	5.8	244	3	US-09-182-145-60	Sequence 60, Appl
1035	80	5.9	1276	3	US-08-937-236-3	Sequence 3, Appl	1108	79	5.8	245	3	US-09-182-145-59	Sequence 59, Appl
1036	80	5.9	1291	3	US-08-569-214-3	Sequence 3, Appl	1109	79	5.8	246	3	US-09-182-145-58	Sequence 58, Appl
1037	80	5.9	1291	3	US-08-937-236-2	Sequence 2, Appl	1110	79	5.8	247	3	US-09-182-145-57	Sequence 57, Appl
1038	80	5.9	1295	3	US-08-569-214-2	Sequence 2, Appl	1111	79	5.8	248	3	US-09-182-145-56	Sequence 56, Appl
1039	80	5.9	2090	4	US-09-538-092-1081	Sequence 1081, App	1112	79	5.8	249	3	US-09-182-145-55	Sequence 55, Appl
1040	80	5.9	2120	4	US-09-949-016-9768	Sequence 9768, App	1113	79	5.8	250	3	US-09-182-145-54	Sequence 54, Appl
1041	79.5	5.9	112	4	US-09-252-991A-22629	Sequence 22629, A	1114	79	5.8	250	4	US-09-949-016-6429	Sequence 6429, App
1042	79.5	5.9	233	4	US-09-252-991A-18455	Sequence 18455, A	1115	79	5.8	254	4	US-09-949-016-10294	Sequence 10294, A
1043	79.5	5.9	236	4	US-09-252-991A-29311	Sequence 29311, A	1116	79	5.8	553	3	US-09-083-351-2	Sequence 2, Appl
1044	79.5	5.9	253	4	US-09-252-991A-19036	Sequence 19036, A	1117	79	5.8	553	3	US-09-083-352-2	Sequence 2, Appl
1045	79.5	5.9	257	4	US-09-252-991A-32137	Sequence 32137, A	1118	79	5.8	553	4	US-09-612-809B-2	Sequence 2, Appl
1046	79.5	5.9	266	4	US-09-252-991A-32835	Sequence 32835, A	1119	79	5.8	605	4	US-09-976-594-616	Sequence 616, App
1047	79.5	5.9	274	4	US-10-237-551-74	Sequence 74, Appl	1120	79	5.8	689	3	US-09-177-249-2	Sequence 2, Appl
1048	79.5	5.9	322	4	US-09-252-991A-31608	Sequence 31608, A	1121	79	5.8	689	3	US-09-061-769A-2	Sequence 2, Appl
1049	79.5	5.9	336	4	US-09-248-796A-20058	Sequence 20058, A	1122	79	5.8	689	4	US-09-812-283-2	Sequence 2, Appl

1123	79	5.8	700	4	US-09-902-540-11872	Sequence 11872, A	1196	78	5.8	656	4	US-09-902-540-12404	Sequence 12404, A
1124	79	5.8	702	4	US-09-949-016-7288	Sequence 7288, Ap	1197	78	5.8	657	4	US-09-949-016-9660	Sequence 9660, Ap
1125	79	5.8	1005	4	US-09-949-016-6968	Sequence 6968, Ap	1198	78	5.8	657	4	US-09-252-991A-25302	Sequence 25302, A
1126	79	5.8	1005	4	US-09-949-016-10620	Sequence 10620, A	1199	78	5.8	826	4	US-09-548-797B-5	Sequence 5, Appli
1127	79	5.8	1171	4	US-09-949-016-9738	Sequence 9738, Ap	1200	78	5.8	826	4	US-09-894-998A-47	Sequence 47, Appl
1128	78.5	5.8	166	4	US-09-270-767-33652	Sequence 33652, A	1201	78	5.8	826	4	US-10-237-551-47	Sequence 47, Appl
1129	78.5	5.8	166	4	US-09-270-767-48869	Sequence 48869, A	1202	78	5.8	830	1	US-08-110-158-4	Sequence 4, Appli
1130	78.5	5.8	200	3	US-09-534-407-2	Sequence 2, Appli	1203	78	5.8	950	3	US-09-449-285A-4	Sequence 4, Appli
1131	78.5	5.8	200	4	US-09-999-201B-5	Sequence 5, Appli	1204	78	5.8	950	3	US-10-144-198-41	Sequence 4, Appli
1132	78.5	5.8	200	4	US-10-281-673A-5	Sequence 5, Appli	1205	78	5.8	982	2	US-08-673-789-4	Sequence 4, Appli
1133	78.5	5.8	264	3	US-09-080-120A-4	Sequence 4, Appli	1206	78	5.8	1013	4	US-10-144-198-26	Sequence 26, Appl
1134	78.5	5.8	264	5	PCT-US95-08925-4	Sequence 4, Appli	1207	78	5.8	1277	3	US-08-937-236-6	Sequence 6, Appli
1135	78.5	5.8	343	4	US-09-949-016-6700	Sequence 6700, Ap	1208	78	5.8	1282	3	US-08-569-214-5	Sequence 5, Appli
1136	78.5	5.8	380	3	US-08-468-846-2	Sequence 2, Appli	1209	78	5.8	1282	3	US-08-569-214-6	Sequence 5, Appli
1137	78.5	5.8	380	3	US-08-915-096A-2	Sequence 2, Appli	1210	78	5.8	1292	3	US-08-937-236-5	Sequence 5, Appli
1138	78.5	5.8	384	4	US-09-949-016-9661	Sequence 9661, Ap	1211	77.5	5.7	155	4	US-09-252-991A-17465	Sequence 17465, A
1139	78.5	5.8	386	4	US-09-270-767-44120	Sequence 44120, A	1212	77.5	5.7	157	4	US-09-270-767-40195	Sequence 40195, A
1140	78.5	5.8	398	4	US-09-612-033B-14	Sequence 14, Appl	1213	77.5	5.7	157	4	US-09-270-767-55411	Sequence 55411, A
1141	78.5	5.8	406	4	US-09-949-016-10006	Sequence 10006, A	1214	77.5	5.7	166	4	US-09-252-991A-25357	Sequence 25357, A
1142	78.5	5.8	422	3	US-09-151-102-2	Sequence 2, Appli	1215	77.5	5.7	328	4	US-09-252-991A-21969	Sequence 21969, A
1143	78.5	5.8	422	3	US-08-929-846-2	Sequence 2, Appli	1216	77.5	5.7	357	4	US-10-029-180-127	Sequence 127, App
1144	78.5	5.8	422	4	US-08-663-584-2	Sequence 2, Appli	1217	77.5	5.7	396	2	US-08-838-219B-9	Sequence 9, Appli
1145	78.5	5.8	423	3	US-08-702-665A-5	Sequence 5, Appli	1218	77.5	5.7	396	3	US-09-233-336A-9	Sequence 9, Appli
1146	78.5	5.8	423	4	US-09-949-016-7241	Sequence 7241, Ap	1219	77.5	5.7	396	3	US-09-233-752A-9	Sequence 9, Appli
1147	78.5	5.8	482	4	US-09-538-092-1140	Sequence 1140, Ap	1220	77.5	5.7	396	3	US-09-402-036-9	Sequence 9, Appli
1148	78.5	5.8	498	4	US-09-902-540-13420	Sequence 13420, A	1221	77.5	5.7	396	4	PCT-US93-00601-2	Sequence 2, Appli
1149	78.5	5.8	501	4	US-09-252-991A-18409	Sequence 18409, A	1222	77.5	5.7	415	5	PCT-US94-07107A-2	Sequence 7, Appli
1150	78.5	5.8	620	1	US-08-325-071-65	Sequence 65, Appl	1223	77.5	5.7	415	5	PCT-US94-07107A-7	Sequence 7, Appli
1151	78.5	5.8	620	3	US-08-461-004A-65	Sequence 65, Appl	1224	77.5	5.7	426	5	US-08-307-444A-5	Sequence 5, Appli
1152	78.5	5.8	629	1	US-08-278-635B-6	Sequence 6, Appli	1225	77.5	5.7	446	1	US-08-587-389-5	Sequence 5, Appli
1153	78.5	5.8	629	3	US-08-464-258B-6	Sequence 6, Appli	1226	77.5	5.7	446	1	US-08-372-652-3	Sequence 3, Appli
1154	78.5	5.8	629	3	US-08-471-961-6	Sequence 6, Appli	1227	77.5	5.7	446	5	PCT-US95-16311-3	Sequence 3, Appli
1155	78.5	5.8	629	4	US-09-345-109C-6	Sequence 6, Appli	1228	77.5	5.7	446	5	US-09-949-016-10130	Sequence 10130, A
1156	78.5	5.8	677	1	US-08-188-582-13	Sequence 13, Appl	1229	77.5	5.7	448	4	US-08-307-444A-3	Sequence 3, Appli
1157	78.5	5.8	677	1	US-08-646-715-13	Sequence 13, Appl	1230	77.5	5.7	456	1	US-08-307-444A-4	Sequence 4, Appli
1158	78.5	5.8	677	4	US-09-538-092-1164	Sequence 1164, Ap	1231	77.5	5.7	456	1	US-08-587-389-3	Sequence 3, Appli
1159	78.5	5.8	694	4	US-09-949-016-8774	Sequence 8774, Ap	1232	77.5	5.7	456	1	US-08-587-389-4	Sequence 4, Appli
1160	78.5	5.8	694	4	US-09-949-016-8775	Sequence 8775, Ap	1233	77.5	5.7	456	1	US-08-264-101-4	Sequence 4, Appli
1161	78.5	5.8	711	4	US-09-949-016-8493	Sequence 8493, Ap	1234	77.5	5.7	457	1	US-08-765-243-4	Sequence 4, Appli
1162	78.5	5.8	846	4	US-09-902-540-15310	Sequence 15310, A	1235	77.5	5.7	457	5	PCT-US95-07295-4	Sequence 4, Appli
1163	78.5	5.8	898	2	US-08-449-645A-20	Sequence 20, Appl	1236	77.5	5.7	467	4	US-09-252-991A-18296	Sequence 18296, A
1164	78.5	5.8	988	2	US-08-702-367A-20	Sequence 20, Appl	1237	77.5	5.7	475	1	US-08-307-444A-2	Sequence 2, Appli
1165	78.5	5.8	998	5	PCT-US95-04681-20	Sequence 3, Appli	1238	77.5	5.7	475	1	US-08-587-389-2	Sequence 2, Appli
1166	78.5	5.8	1064	1	US-08-537-210A-3	Sequence 3, Appli	1239	77.5	5.7	475	1	US-08-014-723-1	Sequence 1, Appli
1167	78.5	5.8	1064	6	5208144-24	Patent No. 5208144	1240	77.5	5.7	476	1	US-08-014-723-2	Sequence 2, Appli
1168	78	5.8	41	6	5208144-24	Patent No. 5208144	1241	77.5	5.7	476	1	US-08-110-011A-1	Sequence 1, Appli
1169	78	5.8	41	6	5208144-24	Patent No. 5208144	1242	77.5	5.7	476	1	US-08-110-011A-2	Sequence 2, Appli
1170	78	5.8	136	6	5189019-6	Patent No. 5189019	1243	77.5	5.7	476	1	US-08-110-011A-18	Sequence 18, Appl
1171	78	5.8	136	6	5189019-6	Patent No. 5189019	1244	77.5	5.7	476	1	US-08-014-723-14	Sequence 14, Appl
1172	78	5.8	138	3	US-08-845-258-22	Sequence 22, Appl	1245	77.5	5.7	476	1	US-08-014-723-16	Sequence 16, Appl
1173	78	5.8	138	3	US-08-990-571-22	Sequence 22, Appl	1246	77.5	5.7	476	1	US-08-110-011A-14	Sequence 14, Appl
1174	78	5.8	138	3	US-08-723-142A-22	Sequence 22, Appl	1247	77.5	5.7	494	1	US-08-312-870-3	Sequence 3, Appli
1175	78	5.8	138	4	US-09-528-784A-22	Sequence 22, Appl	1248	77.5	5.7	494	1	US-09-331-793-4	Sequence 4, Appli
1176	78	5.8	138	4	US-09-569-098A-22	Sequence 22, Appl	1249	77.5	5.7	498	2	US-08-733-564-2	Sequence 2, Appli
1177	78	5.8	160	3	US-09-191-647-5	Sequence 5, Appli	1250	77.5	5.7	514	4	US-09-800-729-124	Sequence 124, App
1178	78	5.8	160	3	US-09-540-245A-5	Sequence 5, Appli	1251	77.5	5.7	516	4	US-09-509-994-1	Sequence 1, Appli
1179	78	5.8	160	3	US-09-540-153-5	Sequence 5, Appli	1252	77.5	5.7	516	4	US-09-509-994-2	Sequence 2, Appli
1180	78	5.8	180	4	US-09-461-688-4	Sequence 4, Appli	1253	77.5	5.7	556	4	US-09-657-013-51	Sequence 51, Appl
1181	78	5.8	235	6	5252556-3	Patent No. 5252556	1254	77.5	5.7	572	4	US-09-197-970B-5	Sequence 5, Appli
1182	78	5.8	235	6	5252556-3	Patent No. 5252556	1255	77.5	5.7	605	4	US-09-657-013-52	Sequence 52, Appli
1183	78	5.8	252	4	US-09-252-991A-25346	Sequence 25346, A	1256	77.5	5.7	630	3	US-09-079-431B-2	Sequence 2, Appli
1184	78	5.8	310	3	US-08-651-136C-22	Sequence 22, Appl	1257	77.5	5.7	651	4	US-09-949-016-8866	Sequence 8866, Ap
1185	78	5.8	310	3	US-09-229-911A-22	Sequence 22, Appl	1258	77.5	5.7	651	4	US-09-949-016-8867	Sequence 8867, Ap
1186	78	5.8	321	4	US-09-270-767-33762	Sequence 33762, A	1259	77.5	5.7	651	4	US-09-949-016-8868	Sequence 8868, Ap
1187	78	5.8	321	4	US-09-949-016-11097	Sequence 11097, A	1260	77.5	5.7	651	4	US-09-949-016-8869	Sequence 8869, Ap
1188	78	5.8	417	4	US-09-949-016-11097	Sequence 11097, A	1261	77.5	5.7	651	4	US-09-949-016-8870	Sequence 8870, Ap
1189	78	5.8	417	4	US-09-949-016-11098	Sequence 11098, A	1262	77.5	5.7	660	4	US-09-949-016-8876	Sequence 8876, Ap
1190	78	5.8	452	4	US-09-914-259-34	Sequence 34, Appl	1263	77.5	5.7	660	4	US-09-949-016-8877	Sequence 8877, Ap
1191	78	5.8	465	4	US-09-601-844B-2	Sequence 2, Appli	1264	77.5	5.7	660	4		
1192	78	5.8	465	4	US-09-949-016-6516	Sequence 37, Appl	1265	77.5	5.7	660	4		
1193	78	5.8	519	4	US-09-595-684B-37	Sequence 37, Appl	1266	77.5	5.7	660	4		
1194	78	5.8	650	1	US-08-325-071-59	Sequence 59, Appl	1267	77.5	5.7	660	4		
1195	78	5.8	650	3	US-08-461-004A-59	Sequence 59, Appl	1268	77.5	5.7	660	4		

1269	77.5	5.7	660	4	US-09-949-016-8878	Sequence 8878, Ap	1342	76.5	5.6	577	4	US-10-219-631A-29	Sequence 29, Appl
1270	77.5	5.7	660	4	US-09-949-016-8879	Sequence 8879, Ap	1343	76.5	5.6	812	4	US-09-632-098-4	Sequence 4, Appli
1271	77.5	5.7	660	4	US-09-949-016-8880	Sequence 8880, Ap	1344	76.5	5.6	812	4	US-10-177-308-4	Sequence 4, Appli
1272	77.5	5.7	732	1	US-08-317-522A-5	Sequence 5, Appli	1345	76.5	5.6	816	4	US-09-266-225D-12	Sequence 12, Appl
1273	77.5	5.7	733	4	US-09-949-016-7651	Sequence 7651, Ap	1346	76.5	5.6	841	4	US-09-949-016-9797	Sequence 9797, Ap
1274	77.5	5.7	733	4	US-08-765-243-6	Sequence 6, Appli	1347	76.5	5.6	849	4	US-09-548-797B-6	Sequence 6, Appli
1275	77.5	5.7	735	5	PCT-US95-07295-6	Sequence 8, Appli	1348	76.5	5.6	939	4	US-09-854-845-14	Sequence 14, Appl
1276	77.5	5.7	848	4	US-09-575-081B-8	Sequence 8, Appli	1349	76.5	5.6	954	4	US-09-854-845-16	Sequence 16, Appl
1277	77.5	5.7	979	1	US-08-346-455B-38	Sequence 38, Appl	1350	76.5	5.6	1034	4	US-09-854-845-6	Sequence 6, Appli
1278	77.5	5.7	979	3	US-08-377-221-38	Sequence 38, Appl	1351	76.5	5.6	1049	4	US-09-854-845-2	Sequence 2, Appli
1279	77.5	5.7	979	4	US-09-483-831B-70	Sequence 70, Appl	1352	76.5	5.6	1078	4	US-09-854-845-8	Sequence 8, Appli
1280	77.5	5.7	979	5	PCT-US95-06613-38	Sequence 38, Appl	1353	76.5	5.6	1093	4	US-09-854-845-4	Sequence 4, Appli
1281	77.5	5.7	1147	1	US-08-144-121-3	Sequence 3, Appli	1354	76.5	5.6	1136	4	US-09-854-845-12	Sequence 12, Appl
1282	77.5	5.7	1147	2	US-08-735-893-3	Sequence 3, Appli	1355	76.5	5.6	1151	4	US-09-854-845-10	Sequence 10, Appl
1283	77.5	5.7	1165	1	US-08-144-121-2	Sequence 2, Appli	1356	76.5	5.6	1244	4	US-09-538-092-12	Sequence 12, Appl
1284	77.5	5.7	1165	2	US-08-735-893-2	Sequence 2, Appli	1357	76.5	5.6	1480	3	US-09-191-647-7	Sequence 7, Appli
1285	77.5	5.7	1187	4	US-09-949-016-6513	Sequence 6513, Ap	1358	76.5	5.6	1480	3	US-09-540-245A-7	Sequence 7, Appli
1286	77.5	5.7	1523	3	US-09-182-024A-2	Sequence 2, Appli	1359	76.5	5.6	1480	3	US-09-540-153-7	Sequence 7, Appli
1287	77.5	5.7	1776	4	US-09-556-877-179	Sequence 179, App	1360	76.5	5.6	1480	5	PCT-US91-09055-2	Sequence 2, Appli
1288	77.5	5.7	1776	4	US-09-620-412C-179	Sequence 179, App	1361	76.5	5.6	1576	4	US-09-562-702A-24	Sequence 24, Appl
1289	77.5	5.7	1776	4	US-09-598-419-179	Sequence 179, App	1362	76.5	5.6	1576	4	US-09-561-818A-24	Sequence 24, Appl
1290	77.5	5.7	2205	1	US-08-093-453B-2	Sequence 2, Appli	1363	76.5	5.6	1584	4	US-09-562-702A-28	Sequence 28, Appl
1291	77.5	5.7	2787	3	US-09-345-041-15	Sequence 15, Appl	1364	76.5	5.6	1609	4	US-09-562-702A-22	Sequence 22, Appl
1292	77.5	5.7	2787	4	US-09-358-055B-15	Sequence 15, Appl	1365	76.5	5.6	1609	4	US-09-561-818A-22	Sequence 22, Appl
1293	77.5	5.7	2787	4	US-09-393-238-15	Sequence 15, Appl	1366	76.5	5.6	1609	4	US-09-538-092-900	Sequence 900, App
1294	77	5.7	169	2	US-08-460-309-20	Sequence 20, Appl	1367	76.5	5.6	1617	4	US-09-562-702A-26	Sequence 26, Appl
1295	77	5.7	169	2	US-08-125-077-20	Sequence 20, Appl	1368	76.5	5.6	1740	4	US-09-377-285B-40	Sequence 40, Appl
1296	77	5.7	172	4	US-09-252-991A-27578	Sequence 27578, A	1369	76.5	5.6	1881	3	US-09-233-086-3	Sequence 3, Appli
1297	77	5.7	179	4	US-09-252-991A-30404	Sequence 30404, A	1370	76.5	5.6	1882	3	US-09-369-364A-13	Sequence 13, Appl
1298	77	5.7	206	1	US-08-097-827-7	Sequence 7, Appli	1371	76	5.6	1824	3	US-08-882-907-17	Sequence 17, Appl
1299	77	5.7	206	1	US-08-494-574-7	Sequence 7, Appli	1372	76	5.6	124	4	US-10-032-658-17	Sequence 17, Appl
1300	77	5.7	209	4	US-09-685-166A-897	Sequence 897, App	1373	76	5.6	137	4	US-09-252-991A-25510	Sequence 25510, A
1301	77	5.7	209	4	US-09-759-143-897	Sequence 897, App	1374	76	5.6	138	4	US-09-252-991A-20036	Sequence 20036, A
1302	77	5.7	272	4	US-09-252-991A-27653	Sequence 27653, A	1375	76	5.6	164	4	US-09-252-991A-24439	Sequence 24439, A
1303	77	5.7	327	4	US-09-252-991A-26846	Sequence 26846, A	1376	76	5.6	169	4	US-09-252-991A-32019	Sequence 32019, A
1304	77	5.7	330	4	US-09-270-767-44544	Sequence 44544, A	1377	76	5.6	171	4	US-09-270-767-32970	Sequence 32970, A
1305	77	5.7	333	4	US-09-252-991A-19956	Sequence 19956, A	1378	76	5.6	171	4	US-09-270-767-48187	Sequence 48187, A
1306	77	5.7	341	2	US-08-209-521-11	Sequence 11, Appl	1379	76	5.6	217	4	US-09-252-991A-25975	Sequence 25975, A
1307	77	5.7	373	1	US-09-252-991A-23008	Sequence 23008, A	1380	76	5.6	239	4	US-09-248-796A-16550	Sequence 16550, A
1308	77	5.7	385	1	US-08-597-545-1	Sequence 1, Appli	1381	76	5.6	272	4	US-09-252-991A-27852	Sequence 27852, A
1309	77	5.7	385	1	US-08-457-135-1	Sequence 1, Appli	1382	76	5.6	282	4	US-09-461-912A-38	Sequence 38, Appl
1310	77	5.7	385	4	US-09-142-027A-10	Sequence 10, Appl	1383	76	5.6	283	4	US-09-270-767-41831	Sequence 41831, A
1311	77	5.7	457	3	US-09-142-759-1	Sequence 1, Appli	1384	76	5.6	319	4	US-09-252-991A-32635	Sequence 32635, A
1312	77	5.7	482	4	US-09-252-991A-23559	Sequence 23559, A	1385	76	5.6	361	3	US-09-596-541-2	Sequence 2, Appli
1313	77	5.7	627	4	US-08-487-596-6	Sequence 6, Appli	1386	76	5.6	361	4	US-09-723-595-2	Sequence 2, Appli
1314	77	5.7	807	4	US-09-294-663-4	Sequence 4, Appli	1387	76	5.6	361	4	US-10-126-205-2	Sequence 2, Appli
1315	77	5.7	970	2	US-08-673-789-7	Sequence 7, Appli	1388	76	5.6	369	3	US-09-596-541-6	Sequence 6, Appli
1316	77	5.7	1417	3	US-08-300-230-3	Sequence 3, Appli	1389	76	5.6	369	4	US-09-723-595-6	Sequence 6, Appli
1317	76.5	5.6	32	6	5208144-17	Patent No. 5208144	1390	76	5.6	369	4	US-10-126-205-6	Sequence 6, Appli
1318	76.5	5.6	32	6	5208144-17	Patent No. 5208144	1391	76	5.6	370	3	US-08-857-076-104	Sequence 104, App
1319	76.5	5.6	38	6	5208144-26	Patent No. 5208144	1392	76	5.6	370	4	US-09-596-541-4	Sequence 4, Appli
1320	76.5	5.6	38	6	5208144-26	Patent No. 5208144	1393	76	5.6	370	4	US-09-723-595-4	Sequence 4, Appli
1321	76.5	5.6	112	3	US-08-882-907-13	Sequence 13, Appl	1394	76	5.6	370	4	US-10-126-205-4	Sequence 4, Appli
1322	76.5	5.6	112	4	US-10-032-658-13	Sequence 13, Appl	1395	76	5.6	418	4	US-09-252-991A-32035	Sequence 32035, A
1323	76.5	5.6	139	2	US-08-219-237B-8	Sequence 8, Appli	1396	76	5.6	420	4	US-09-907-794A-109	Sequence 109, App
1324	76.5	5.6	202	4	US-09-252-991A-28110	Sequence 28110, A	1397	76	5.6	420	4	US-09-905-125A-109	Sequence 109, App
1325	76.5	5.6	207	4	US-09-252-991A-20253	Sequence 20253, A	1398	76	5.6	420	4	US-09-902-775A-109	Sequence 109, App
1326	76.5	5.6	317	3	US-09-383-586-20	Sequence 20, Appl	1399	76	5.6	420	4	US-09-906-700-109	Sequence 109, App
1327	76.5	5.6	317	4	US-09-823-038A-20	Sequence 20, Appl	1400	76	5.6	420	4	US-09-903-603A-109	Sequence 109, App
1328	76.5	5.6	372	4	US-09-252-991A-20108	Sequence 20108, A	1401	76	5.6	420	4	US-09-904-920A-109	Sequence 109, App
1329	76.5	5.6	384	4	US-09-252-991A-24086	Sequence 24086, A	1402	76	5.6	420	4	US-09-909-064-109	Sequence 109, App
1330	76.5	5.6	384	4	US-09-252-991A-26093	Sequence 26093, A	1403	76	5.6	420	4	US-09-905-381A-109	Sequence 109, App
1331	76.5	5.6	402	4	US-09-252-991A-27689	Sequence 27689, A	1404	76	5.6	420	4	US-09-906-618-109	Sequence 109, App
1332	76.5	5.6	470	3	US-09-118-319-8	Sequence 8, Appli	1405	76	5.6	445	2	US-08-900-148-2	Sequence 2, Appli
1333	76.5	5.6	481	4	US-09-949-016-9748	Sequence 9748, Ap	1406	76	5.6	446	1	US-07-952-800-4	Sequence 4, Appli
1334	76.5	5.6	484	4	US-09-389-956-12	Sequence 12, Appl	1407	76	5.6	448	4	US-08-216-592A-2	Sequence 2, Appli
1335	76.5	5.6	530	4	US-09-800-729-112	Sequence 112, App	1408	76	5.6	492	3	US-09-724-864-39	Sequence 39, Appl
1336	76.5	5.6	568	4	US-09-389-956-10	Sequence 10, Appl	1409	76	5.6	525	3	US-08-764-870-7	Sequence 7, Appli
1337	76.5	5.6	577	2	US-07-728-215-29	Sequence 29, Appl	1410	76	5.6	525	3	US-08-980-115-7	Sequence 7, Appli
1338	76.5	5.6	577	3	US-08-338-085A-29	Sequence 29, Appl	1411	76	5.6	533	1	US-07-952-800-2	Sequence 2, Appli
1339	76.5	5.6	577	4	US-10-072-844-29	Sequence 29, Appl	1412	76	5.6	533	4	US-08-216-592A-4	Sequence 4, Appli
1340	76.5	5.6	577	4	US-10-072-838-29	Sequence 29, Appl	1413	76	5.6	577	4	US-09-949-016-11572	Sequence 11572, A
1341	76.5	5.6	577	4	US-10-072-841A-29	Sequence 29, Appl	1414	76	5.6	627	2	US-08-466-589-6	Sequence 6, Appli

1415	76	5.6	627	2	US-08-700-536-6	Sequence 6, Appli	Sequence 6, Appli
1416	76	5.6	627	3	US-08-467-574-6	Sequence 6, Appli	Sequence 6, Appli
1417	76	5.6	627	3	US-09-217-345-6	Sequence 6, Appli	Sequence 6, Appli
1418	76	5.6	627	4	US-09-892-985-6	Sequence 10, Appli	Sequence 10, Appli
1419	76	5.6	642	3	US-08-872-855-10	Sequence 6, Appli	Sequence 6, Appli
1420	76	5.6	650	1	US-08-325-071-56	Sequence 56, Appli	Sequence 56, Appli
1421	76	5.6	650	1	US-08-325-071-63	Sequence 63, Appli	Sequence 63, Appli
1422	76	5.6	650	3	US-08-461-004A-56	Sequence 56, Appli	Sequence 56, Appli
1423	76	5.6	650	3	US-08-461-004A-63	Sequence 63, Appli	Sequence 63, Appli
1424	76	5.6	688	1	US-08-325-071-57	Sequence 57, Appli	Sequence 57, Appli
1425	76	5.6	688	3	US-08-461-004A-57	Sequence 57, Appli	Sequence 57, Appli
1426	76	5.6	838	4	US-09-949-016-9916	Sequence 9916, Ap	Sequence 9916, Ap
1427	76	5.6	838	4	US-09-949-016-9917	Sequence 9917, Ap	Sequence 9917, Ap
1428	76	5.6	943	4	US-09-949-016-7891	Sequence 7891, Ap	Sequence 7891, Ap
1429	76	5.6	1033	4	US-09-834-309-1	Sequence 1, Appli	Sequence 1, Appli
1430	76	5.6	1068	1	US-08-537-210A-2	Sequence 2, Appli	Sequence 2, Appli
1431	76	5.6	1068	3	US-09-113-825-2	Sequence 2, Appli	Sequence 2, Appli
1432	76	5.6	1184	4	US-09-266-225D-18	Sequence 18, Appli	Sequence 18, Appli
1433	76	5.6	1382	2	US-08-737-715-2	Sequence 2, Appli	Sequence 2, Appli
1434	76	5.6	1382	3	US-09-457-040B-7	Sequence 7, Appli	Sequence 7, Appli
1435	76	5.6	1481	2	US-08-616-844-40	Sequence 40, Appli	Sequence 40, Appli
1436	76	5.6	1481	2	US-08-599-654-40	Sequence 40, Appli	Sequence 40, Appli
1437	76	5.6	1481	3	US-08-944-868A-40	Sequence 40, Appli	Sequence 40, Appli
1438	76	5.6	1481	3	US-08-944-423A-40	Sequence 40, Appli	Sequence 40, Appli
1439	76	5.6	1481	3	US-08-944-496-40	Sequence 40, Appli	Sequence 40, Appli
1440	76	5.6	1912	4	US-09-949-016-10490	Sequence 10490, A	Sequence 10490, A
1441	75.5	5.6	29	4	US-09-959-392-30	Sequence 30, Appli	Sequence 30, Appli
1442	75.5	5.6	108	1	US-08-485-359-2	Sequence 2, Appli	Sequence 2, Appli
1443	75.5	5.6	108	1	US-08-569-594-2	Sequence 2, Appli	Sequence 2, Appli
1444	75.5	5.6	108	5	PCT-US96-0881S-2	Sequence 2, Appli	Sequence 2, Appli
1445	75.5	5.6	112	3	US-08-882-907-11	Sequence 11, Appli	Sequence 11, Appli
1446	75.5	5.6	112	4	US-10-032-658-11	Sequence 11, Appli	Sequence 11, Appli
1447	75.5	5.6	140	3	US-08-477-347-17	Sequence 17, Appli	Sequence 17, Appli
1448	75.5	5.6	140	3	US-08-476-862-8	Sequence 8, Appli	Sequence 8, Appli
1449	75.5	5.6	140	4	US-09-800-909-8	Sequence 8, Appli	Sequence 8, Appli
1450	75.5	5.6	140	4	US-09-800-908-17	Sequence 17, Appli	Sequence 17, Appli
1451	75.5	5.6	150	4	US-09-489-039A-10878	Sequence 10878, A	Sequence 10878, A
1452	75.5	5.6	175	4	US-09-252-991A-25575	Sequence 25575, A	Sequence 25575, A
1453	75.5	5.6	177	4	US-09-252-991A-17161	Sequence 17161, A	Sequence 17161, A
1454	75.5	5.6	202	4	US-09-252-991A-32054	Sequence 32054, A	Sequence 32054, A
1455	75.5	5.6	205	3	US-08-974-022-51	Sequence 51, Appli	Sequence 51, Appli
1456	75.5	5.6	205	3	US-08-795-445A-51	Sequence 51, Appli	Sequence 51, Appli
1457	75.5	5.6	205	3	US-08-795-447A-51	Sequence 51, Appli	Sequence 51, Appli
1458	75.5	5.6	205	3	US-08-974-186-51	Sequence 51, Appli	Sequence 51, Appli
1459	75.5	5.6	205	3	US-08-795-446B-51	Sequence 51, Appli	Sequence 51, Appli
1460	75.5	5.6	205	3	US-08-706-945D-138	Sequence 138, Appli	Sequence 138, Appli
1461	75.5	5.6	217	4	US-09-602-543-5	Sequence 5, Appli	Sequence 5, Appli
1462	75.5	5.6	221	2	US-08-480-229C-29	Sequence 29, Appli	Sequence 29, Appli
1463	75.5	5.6	221	2	US-08-659-235C-29	Sequence 29, Appli	Sequence 29, Appli
1464	75.5	5.6	224	3	US-09-220-528-29	Sequence 29, Appli	Sequence 29, Appli
1465	75.5	5.6	224	4	US-09-347-613C-16	Sequence 16, Appli	Sequence 16, Appli
1466	75.5	5.6	224	4	US-09-662-183A-16	Sequence 16, Appli	Sequence 16, Appli
1467	75.5	5.6	235	4	US-09-602-543-4	Sequence 4, Appli	Sequence 4, Appli
1468	75.5	5.6	239	4	US-09-252-991A-30037	Sequence 30037, A	Sequence 30037, A
1469	75.5	5.6	251	4	US-09-902-540-10391	Sequence 10391, A	Sequence 10391, A
1470	75.5	5.6	288	3	US-09-335-409-18	Sequence 18, Appli	Sequence 18, Appli
1471	75.5	5.6	288	3	US-09-335-409-19	Sequence 19, Appli	Sequence 19, Appli
1472	75.5	5.6	288	3	US-09-568-102-18	Sequence 18, Appli	Sequence 18, Appli
1473	75.5	5.6	288	3	US-09-568-102-19	Sequence 19, Appli	Sequence 19, Appli
1474	75.5	5.6	288	3	US-09-567-969-18	Sequence 18, Appli	Sequence 18, Appli
1475	75.5	5.6	288	3	US-09-567-969-19	Sequence 19, Appli	Sequence 19, Appli
1476	75.5	5.6	288	3	US-09-568-480-18	Sequence 18, Appli	Sequence 18, Appli
1477	75.5	5.6	288	3	US-09-568-480-19	Sequence 19, Appli	Sequence 19, Appli
1478	75.5	5.6	288	3	US-09-568-486-18	Sequence 18, Appli	Sequence 18, Appli
1479	75.5	5.6	288	3	US-09-568-486-19	Sequence 19, Appli	Sequence 19, Appli
1480	75.5	5.6	288	3	US-09-568-472-18	Sequence 18, Appli	Sequence 18, Appli
1481	75.5	5.6	288	3	US-09-568-472-19	Sequence 19, Appli	Sequence 19, Appli
1482	75.5	5.6	288	3	US-09-567-899-18	Sequence 18, Appli	Sequence 18, Appli
1483	75.5	5.6	288	3	US-09-567-899-19	Sequence 19, Appli	Sequence 19, Appli
1484	75.5	5.6	314	4	US-09-270-767-42409	Sequence 42409, A	Sequence 42409, A
1485	75.5	5.6	316	4	US-09-248-796A-26455	Sequence 26455, A	Sequence 26455, A
1486	75.5	5.6	374	4	US-09-248-796A-17283	Sequence 17283, A	Sequence 17283, A
1487	75.5	5.6	376	4	US-09-844-311-2	Sequence 2, Appli	Sequence 2, Appli

RESULT 1

US-09-907-794A-127
; Sequence 127, Application US/09907794A
; Patent No. 6635468

GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Raton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Fan, James
; APPLICANT: Faoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29

ALIGNMENTS


```
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-907-794A-127

Query Match      100.0%; Score 1354; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1.7e-113;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLEAAASPLSTPTSAQAAGPSSGSCPTTKFQCRHSGVPLTWRCRDRLDCSDGSEDEC 60
DB 30 GLEAAASPLSTPTSAQAAGPSSGSCPTTKFQCRHSGVPLTWRCRDRLDCSDGSEDEC 89

QY 61 RIEPCTQKGCQPPPPGLPCPTGVSDCSGTDKRLNCSRLACLAGELCRTLSDDCIPLT 120
DB 90 RIEPCTQKGCQPPPPGLPCPTGVSDCSGTDKRLNCSRLACLAGELCRTLSDDCIPLT 149

QY 121 WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLSVLSLRNATTMGPPVTLESVP 180
DB 150 WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLSVLSLRNATTMGPPVTLESVP 209

QY 181 SVGNATSSAGDQSGSPPTAYGVIAAAVLSASLVATATLLLSWLRQAQRLRPLGLLVAMK 240
DB 210 SVGNATSSAGDQSGSPPTAYGVIAAAVLSASLVATATLLLSWLRQAQRLRPLGLLVAMK 269

QY 241 ESSLSEQKTSLP 253
DB 270 ESSLSEQKTSLP 282
```

RESULT 2

```
US-09-905-125A-127
; Sequence 127, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deonoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.

Query Match      100.0%; Score 1354; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1.7e-113;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLEAAASPLSTPTSAQAAGPSSGSCPTTKFQCRHSGVPLTWRCRDRLDCSDGSEDEC 60
DB 30 GLEAAASPLSTPTSAQAAGPSSGSCPTTKFQCRHSGVPLTWRCRDRLDCSDGSEDEC 89

QY 61 RIEPCTQKGCQPPPPGLPCPTGVSDCSGTDKRLNCSRLACLAGELCRTLSDDCIPLT 120
DB 90 RIEPCTQKGCQPPPPGLPCPTGVSDCSGTDKRLNCSRLACLAGELCRTLSDDCIPLT 149

QY 121 WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLSVLSLRNATTMGPPVTLESVP 180
DB 150 WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLSVLSLRNATTMGPPVTLESVP 209

QY 181 SVGNATSSAGDQSGSPPTAYGVIAAAVLSASLVATATLLLSWLRQAQRLRPLGLLVAMK 240
DB 210 SVGNATSSAGDQSGSPPTAYGVIAAAVLSASLVATATLLLSWLRQAQRLRPLGLLVAMK 269

QY 241 ESSLSEQKTSLP 253
DB 270 ESSLSEQKTSLP 282

; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-125A-127
```



```

; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-902-775A-127

Query Match 100.0%; Score 1354; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1.7e-113;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy 1 GLRAAASPLSTPTSAQAAGPSSGCPPTKFCQRTSGLCVPLTWRCDRDLDCSGSDEBEC 60
Db 30 GLRAAASPLSTPTSAQAAGPSSGCPPTKFCQRTSGLCVPLTWRCDRDLDCSGSDEBEC 89
Qy 61 RIBPCTOKGOCPPPGPLPCPCTGYVDCSGGTDKKLRNCSRLACLAGELRCTLSDDCIPLT 120
Db 90 RIBPCTOKGOCPPPGPLPCPCTGYVDCSGGTDKKLRNCSRLACLAGELRCTLSDDCIPLT 149
Qy 121 WRCDGHDPDCPDSDDELCCGNEILPEGDATTMGPPVLTLESVTSURNATTMGPPVLTLESVP 180
Db 150 WRCDGHDPDCPDSDDELCCGNEILPEGDATTMGPPVLTLESVTSURNATTMGPPVLTLESVP 209
Qy 181 SVGNATSSSAGDQSGSPYAGVIAAAAVLSASLVATATLLLSWLRAQERLRLPLGLLVAMK 240
Db 210 SVGNATSSSAGDQSGSPYAGVIAAAAVLSASLVATATLLLSWLRAQERLRLPLGLLVAMK 269
Qy 241 ESLLSEQKTSLP 253
Db 270 ESLLSEQKTSLP 282

RESULT 4
US-09-906-700-127
; Sequence 127, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; ACIDS OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594

```

```

; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-700-127

Query Match      100.0%; Score 1354; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1.7e-113;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  GLEAAASPLSTPTSAQAAGSSGCPPTKFCQRTSGLCVPLTWRCDRDLDCSDGSDDEEC 60
Db      30  GLEAAASPLSTPTSAQAAGSSGCPPTKFCQRTSGLCVPLTWRCDRDLDCSDGSDDEEC 89

QY      61  RIEPCTQKQCQPPPPGLPCPTGVSDCSGTDDKLRNCSRLACLAGELRCTLSDDCIPLT 120
Db      90  RIEPCTQKQCQPPPPGLPCPTGVSDCSGTDDKLRNCSRLACLAGELRCTLSDDCIPLT 149

QY      121  WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLESVLSLRNATTMGPPVTLESVP 180
Db      150  WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLESVLSLRNATTMGPPVTLESVP 209

QY      181  SVGNATSSSAGDSGSPYAGVIAAAAVLSASIVTATLLLSWLRQAQERLRPLGLLVAMK 240
Db      210  SVGNATSSSAGDSGSPYAGVIAAAAVLSASIVTATLLLSWLRQAQERLRPLGLLVAMK 269

QY      241  ESLLISEQKTSLP 253
Db      270  ESLLISEQKTSLP 282

RESULT 5
US-09-808-847-1
; Sequence 1, Application US/09808847
; Patent No. 6743898
; GENERAL INFORMATION:
; APPLICANT: Choi, Yong Sung
; APPLICANT: Li, Li
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES THAT SUPPRESS B-CELL GROWTH
; TITLE OF INVENTION: AND/OR DIFFERENTIATION
; FILE REFERENCE: Alton Ochsner Medical Found.
; CURRENT APPLICATION NUMBER: US/09/808,847
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 282

```

```

; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-808-847-1

Query Match      100.0%; Score 1354; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1.7e-113;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  GLEAAASPLSTPTSAQAAGSSGCPPTKFCQRTSGLCVPLTWRCDRDLDCSDGSDDEEC 60
Db      30  GLEAAASPLSTPTSAQAAGSSGCPPTKFCQRTSGLCVPLTWRCDRDLDCSDGSDDEEC 89

QY      61  RIEPCTQKQCQPPPPGLPCPTGVSDCSGTDDKLRNCSRLACLAGELRCTLSDDCIPLT 120
Db      90  RIEPCTQKQCQPPPPGLPCPTGVSDCSGTDDKLRNCSRLACLAGELRCTLSDDCIPLT 149

QY      121  WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLESVLSLRNATTMGPPVTLESVP 180
Db      150  WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLESVLSLRNATTMGPPVTLESVP 209

QY      181  SVGNATSSSAGDSGSPYAGVIAAAAVLSASIVTATLLLSWLRQAQERLRPLGLLVAMK 240
Db      210  SVGNATSSSAGDSGSPYAGVIAAAAVLSASIVTATLLLSWLRQAQERLRPLGLLVAMK 269

QY      241  ESLLISEQKTSLP 253
Db      270  ESLLISEQKTSLP 282

RESULT 6
US-09-903-603A-127
; Sequence 127, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594

```

; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-903-603A-127

Query Match 100.0%; Score 1354; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1.7e-113;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GLEAAASPLSTPTSAQAAGSSGSCPTKFCQRTSGLCVPLTWRCDDRLDCSDGSDEEC 60
Db 30 GLEAAASPLSTPTSAQAAGSSGSCPTKFCQRTSGLCVPLTWRCDDRLDCSDGSDEEC 89

Qy 61 RIEPCTQKGCPPPPGLPCPCTGVSDCGGTDKKLRNCSRLACLAGELRCTLSDDCPLT 120
Db 90 RIEPCTQKGCPPPPGLPCPCTGVSDCGGTDKKLRNCSRLACLAGELRCTLSDDCPLT 149

Qy 121 WRCDGHPDCDSSDELGCCTNEILPEGDATTMGPPVTLESVTSLRNATTMGPPVTLESVP 180
Db 150 WRCDGHPDCDSSDELGCCTNEILPEGDATTMGPPVTLESVTSLRNATTMGPPVTLESVP 209

Qy 181 SVGNATSSSAGDSGSPATGVIAAAVLSASLVATATLLLSWLRAQERLRPLGLLVAMK 240
Db 210 SVGNATSSSAGDSGSPATGVIAAAVLSASLVATATLLLSWLRAQERLRPLGLLVAMK 269

Qy 241 ESSLSEQKTSLP 253
Db 270 ESSLSEQKTSLP 282

RESULT 7
US-09-904-920A-127
; Sequence 127, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,920A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-904-920A-127

Query Match 100.0%; Score 1354; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1.7e-113;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GLEAAASPLSTPTSAQAAGSSGSCPTKFCQRTSGLCVPLTWRCDDRLDCSDGSDEEC 60
Db 30 GLEAAASPLSTPTSAQAAGSSGSCPTKFCQRTSGLCVPLTWRCDDRLDCSDGSDEEC 89

Qy 61 RIEPCTQKGCPPPPGLPCPCTGVSDCGGTDKKLRNCSRLACLAGELRCTLSDDCPLT 120
Db 90 RIEPCTQKGCPPPPGLPCPCTGVSDCGGTDKKLRNCSRLACLAGELRCTLSDDCPLT 149

Qy 121 WRCDGHPDCDSSDELGCCTNEILPEGDATTMGPPVTLESVTSLRNATTMGPPVTLESVP 180

Db 150 WRCDGHPDCPDSDELGCCTNEILPESDATTWGPVPTLSVTSLRNATTGPPVTLESVP 209
QY 181 SVGNATSSAGDSGSPPTAYGVIAAAVLSASLVTTATLLLSWLRQERLRPLGLLVAMK 240
Db 210 SVGNATSSAGDSGSPPTAYGVIAAAVLSASLVTTATLLLSWLRQERLRPLGLLVAMK 269
QY 241 ESSLSEQKTSPLP 253
Db 270 ESSLSEQKTSPLP 282

RESULT 8

US-09-909-064-127
; Sequence 127, Application US/09909064
; Patent No. 6818449
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909, 064
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US09/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-064-127

Query Match 100.0%; Score 1354; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1.7e-113;
Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLEAAASPLSTPTSAQAAGPSSGSCPPPTKFCQRTSGLCVPLTWRCDRDLDCSDGSDDEEC 60
Db 30 GLEAAASPLSTPTSAQAAGPSSGSCPPPTKFCQRTSGLCVPLTWRCDRDLDCSDGSDDEEC 89
QY 61 RIEPCTQKGCQCPFPPLCPCTGVSDCSGGTDKLRNCSRLACLAGELEKCTLSDDCIPLT 120
Db 90 RIEPCTQKGCQCPFPPLCPCTGVSDCSGGTDKLRNCSRLACLAGELEKCTLSDDCIPLT 149
QY 121 WRCDGHPDCPDSDELGCCTNEILPEGDATTMGPPVTLESVTSLRNATTGPPVTLESVP 180
Db 150 WRCDGHPDCPDSDELGCCTNEILPEGDATTMGPPVTLESVTSLRNATTGPPVTLESVP 209
QY 181 SVGNATSSAGDSGSPPTAYGVIAAAVLSASLVTTATLLLSWLRQERLRPLGLLVAMK 240
Db 210 SVGNATSSAGDSGSPPTAYGVIAAAVLSASLVTTATLLLSWLRQERLRPLGLLVAMK 269
QY 241 ESSLSEQKTSPLP 253
Db 270 ESSLSEQKTSPLP 282

RESULT 9

US-09-905-381A-127
; Sequence 127, Application US/09905381A
; Patent No. 6818746
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/905.381A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-381A-127

Query Match 100.0%; Score 1354; DB 4; Length 282;

Best Local Similarity 100.0%; Pred. No. 1.7e-113;

Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	GLEAASPLSTPTSAQAAGSSGSCPTKEQRTSGLCVPLTWRCDRDLDCSGSDEEC	60
DB	30	GLEAASPLSTPTSAQAAGSSGSCPTKEQRTSGLCVPLTWRCDRDLDCSGSDEEC	89
QY	61	RIBPCTKGQCPPPGGLPCCTGVSDCSGTDKRLNCSRLACLAGELRCTLSDDCIPLT	120
DB	90	RIBPCTKGQCPPPGGLPCCTGVSDCSGTDKRLNCSRLACLAGELRCTLSDDCIPLT	149
QY	121	WRCDGHPDCPSDELGCGTNEILPEGDATTMGPPVTLESVTSLRNATTTGPPVTLESVP	180
DB	150	WRCDGHPDCPSDELGCGTNEILPEGDATTMGPPVTLESVTSLRNATTTGPPVTLESVP	209
QY	181	SVGNATSSSAGDSGSTAGVTAATAAVLSASLVTATLLLSWLRQERLRPLGLLVAMK	240
DB	210	SVGNATSSSAGDSGSTAGVTAATAAVLSASLVTATLLLSWLRQERLRPLGLLVAMK	269
QY	241	ESLLSSEKQTSLP	253
DB	270	ESLLSSEKQTSLP	282

RESULT 10

US-09-906-618-127

; Sequence 127, Application US/09906618

; Patent No. 6828146

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: KJjavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906.618
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-618-127

Query Match

Best Local Similarity

100.0%; Score 1354; DB 4; Length 282;

100.0%; Pred. No. 1.7e-113;

Matches 253; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GLEAAASPLSTPTSAQAAGPSSGSCPTTFQRTSGLCVPLTWRCDRDLDCSDGSDDEEC 60
DB 30 GLEAAASPLSTPTSAQAAGPSSGSCPTTFQRTSGLCVPLTWRCDRDLDCSDGSDDEEC 89
QY 61 RIEPCTQKGCPPPGGLPCPCTGVSDCGTDDKLRNCSRLACLAGELRCLTSDDCIPLT 120
DB 90 RIEPCTQKGCPPPGGLPCPCTGVSDCGTDDKLRNCSRLACLAGELRCLTSDDCIPLT 149
QY 121 WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLESVTSRLNATTMGPPVTLESYP 180
DB 150 WRCDGHPDCPDSSDELGCCTNEILPEGDATTMGPPVTLESVTSRLNATTMGPPVTLESYP 209
QY 181 SVGNATSSAGDQSGSPYAGVIAAAVLSASLVTTALLLSWLRQERLRPLGLLVAMK 240
DB 210 SVGNATSSAGDQSGSPYAGVIAAAVLSASLVTTALLLSWLRQERLRPLGLLVAMK 269
QY 241 ESLLSEQKTSLP 253
DB 270 ESLLSEQKTSLP 282

RESULT 11
US-08-393-734-2
; Sequence 2, Application US/08393734
; Patent No. 5652224
; GENERAL INFORMATION:
; APPLICANT: Wilson, James M.
; APPLICANT: Kozarsky, Karen F.
; APPLICANT: Straus, Jerome F.
; TITLE OF INVENTION: Methods and Compositions for Gene
; TITLE OF INVENTION: Therapy for the Treatment of Defects in Lipoprotein
; TITLE OF INVENTION: Metabolism
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr., PO Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19477
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/393,734
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REFERENCE/DOCKET NUMBER: UPNH1254USA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 873 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-393-734-2

Query Match 20.5%; Score 277; DB 1; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.3e-16;
Matches 55; Conservative 15; Mismatches 61; Indels 12; Gaps 5;

QY 12 PTSAQAAGPS-SGSCPTTFQRTSGLCVPLTWRCDRDLDCSDGSDDEECRIEPCCTQ--- 67
DB 19 PRESAGTGTGRKAKCEPSQFC-TNGRCITLLWKCDGDEDCVDSGDEKNCVKKTCAESDF 77

QY 68 ---KGQCPPPGGLPCPCTGVSDCGTDDKLRNCSRLACLAGELRC-TLSDDCIPLTWRC 123
DB 78 VCNNGQCVPS---RWKCDGDPDCSDGSDSPQCHMRTCRIHEISCGAHSHTQCIPVSWRC 134
QY 124 DGHPCPDSSDELGCCTNEILPE 146
DB 135 DGENDCDSGEDBENCNITCSPD 157

RESULT 12
US-08-894-489-2
; Sequence 2, Application US/08894489
; Patent No. 6174527
; GENERAL INFORMATION:
; APPLICANT: Wilson, James M.
; APPLICANT: Kozarsky, Karen F.
; APPLICANT: Straus, Jerome F.
; TITLE OF INVENTION: Methods and Compositions for Gene
; TITLE OF INVENTION: Therapy for the Treatment of Defects in Lipoprotein
; TITLE OF INVENTION: Metabolism
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr., PO Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19477
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,489
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/393,734
; FILING DATE: 24-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: GNVPN.009CIPUSA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 873 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-894-489-2

Query Match 20.5%; Score 277; DB 3; Length 873;
Best Local Similarity 38.5%; Pred. No. 2.3e-16;
Matches 55; Conservative 15; Mismatches 61; Indels 12; Gaps 5;

QY 12 PTSAQAAGPS-SGSCPTTFQRTSGLCVPLTWRCDRDLDCSDGSDDEECRIEPCCTQ--- 67
DB 19 PRESAGTGTGRKAKCEPSQFC-TNGRCITLLWKCDGDEDCVDSGDEKNCVKKTCAESDF 77
QY 68 ---KGQCPPPGGLPCPCTGVSDCGTDDKLRNCSRLACLAGELRC-TLSDDCIPLTWRC 123
DB 78 VCNNGQCVPS---RWKCDGDPDCSDGSDSPQCHMRTCRIHEISCGAHSHTQCIPVSWRC 134
QY 124 DGHPCPDSSDELGCCTNEILPE 146
DB 135 DGENDCDSGEDBENCNITCSPD 157

RESULT 13
US-09-949-016-9528
; Sequence 9528, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CLO01307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9528
; LENGTH: 904
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-9528

Query Match 20.5%; Score 277; DB 4; Length 904;
Best Local Similarity 38.5%; Pred. No. 2.4e-16;
Matches 55; Conservative 15; Mismatches 61; Indels 12; Gaps 5;

QY 12 PTSAQAGPS-SGSCPTKFCQRTSGLCVPLTWRCRDLDSCSDGSEDEECRIEPTCQ--- 67
DB 50 PRESAGTGRKAKCBSPQFC-TNGRCITLLWKCDGDEDCVDSDEKNCVKTKCAESDF 108

QY 68 ---KGQCQPPGLPCFCTGVSDGSGTDDKLRNCSRLACIAGELRC-TLSDDCIPLTWRC 123
DB 109 VCNNGQCVPS---RWKCDGDPDCSDGSDSPQCHMRTCHRIHISGHAHSTQCIPIVSWRC 165

QY 124 DGHDPDSDSDELGCGTNEILPE 146
DB 166 DGENDCDSDGDEENCGNITCSPD 188

RESULT 14
US-08-149-103-3
; Sequence 3, Application US/08149103
; Patent No. 5750367
; GENERAL INFORMATION:
; APPLICANT: Lawrence C. B. Chan
; TITLE OF INVENTION: HUMAN AND MOUSE VERY LOW DENSITY
; TITLE OF INVENTION: DENSITY LIPOPROTEIN RECEPTORS
; TITLE OF INVENTION: AND METHODS FOR USE OF SUCH
; TITLE OF INVENTION: RECEPTORS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/149,103
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: none

FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION/DOCKET NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 204/052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 846 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-149-103-3

Query Match 20.2%; Score 273.5; DB 1; Length 846;
Best Local Similarity 40.3%; Pred. No. 4.5e-16;
Matches 52; Conservative 14; Mismatches 52; Indels 11; Gaps 4;

QY 25 CPPTKFCQRTSGLCVPLTWRCRDLDSCSDGSEDEECRIEPTCQ-----KGQCQPPGLP 78
DB 6 CBPSQFC-TNGRCITLLWKCDGDEDCVDSDEKNCVKTKCAESDFVCNNGQCVPS---R 61

QY 79 CPTGVSDGSGTDDKLRNCSRLACIAGELRC-TLSDDCIPLTWRCGHPDCPDSSDELG 137
DB 62 WKCDGDPDCSDGSDSPQCHMRTCHRIHISGHAHSTQCIPIVSWRCDEGDCSDEEN 121

QY 138 CGTNEILPE 146
DB 122 CGNITCSPD 130

RESULT 15
US-08-451-883-3
; Sequence 3, Application US/08451883
; Patent No. 5798209
; GENERAL INFORMATION:
; APPLICANT: Lawrence C. B. Chan
; TITLE OF INVENTION: HUMAN AND MOUSE VERY LOW DENSITY
; TITLE OF INVENTION: LIPOPROTEIN RECEPTORS AND METHODS FOR
; TITLE OF INVENTION: USE OF SUCH RECEPTORS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 633 West Fifth Street, Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 6.22)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,883
; FILING DATE: May 26, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/149,103
; FILING DATE: No. 5798209ember 8, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Knight, Matthew W.
; REGISTRATION NUMBER: 36,846
; REFERENCE/DOCKET NUMBER: 212/268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

```
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 846 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-08-451-883-3

Query Match      20.2%; Score 273.5; DB 1; Length 846;
Best Local Similarity 40.3%; Pred. No. 4.5e-16;
Matches 52; Conservative 14; Mismatches 52; Indels 11; Gaps 4;

QY 25 CPPTKFCRTSGLCVPLTWKCDRLDCSDGSDDEECRIEPTQ-----KGQCPPPGGLP 78
Db 6 CPFSQFQC-TNGRCITLLWKCDGDEDCVDSDEKNCVKTKCAESDFVCNNGQCVFS---R 61

QY 79 CPCTGVSDCSGGTDKRLNCSRLACIAGELRC-TLSDDCIPLTWRCDHPCDPSDELG 137
Db 62 WKCDGDPDCEDGSDSPESPEQCHMRTCRIHEISGAHSTQCIPIVSWRCDGENDCDGGEDEEN 121

QY 138 CGTNEILPE 146
Db 122 CGNITCSPD 130
```

Search completed: June 29, 2005, 11:26:35
Job time : 29.8298 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:19:53 ; Search time 80.9293 Seconds
(without alignments)
1088.128 Million cell updates/sec

Perfect score: 1260

Sequence: 1 MSGGMAQVGNRTGALGLA.....SVGNATSSAGDQSGSPTAY 229

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1717557 seqs, 384547976 residues

Total number of hits satisfying chosen parameters: 1717557

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/1/pubaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubaa/PC1_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubaa/PC1US_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/1/pubaa/US10E_PUBCOMB.pep.*
18: /cgn2_6/ptodata/1/pubaa/US10_NEW_PUB.pep.*
19: /cgn2_6/ptodata/1/pubaa/US11A_PUBCOMB.pep.*
20: /cgn2_6/ptodata/1/pubaa/US11_NEW_PUB.pep.*
21: /cgn2_6/ptodata/1/pubaa/US60_NEW_PUB.pep.*
22: /cgn2_6/ptodata/1/pubaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
3	1260	100.0	282	9	US-09-905-291A-127
62	1260	100.0	282	10	US-09-808-847-1
90	1260	100.0	282	14	US-10-176-847-34
209	1260	100.0	282	14	US-10-153-668-238
356	1260	100.0	282	14	US-10-299-976-127
371	1260	100.0	282	14	US-10-299-993-127
497	1260	100.0	282	15	US-10-298-993-127
499	1260	100.0	282	15	US-10-448-923-127
500	1260	100.0	282	15	US-10-449-656-127
501	1260	100.0	282	15	US-10-448-713-127
502	1260	100.0	282	15	US-10-264-237-2740
505	1260	100.0	282	15	US-10-425-447-127
Sequence 127, App					Sequence 127, App
Sequence 1, Appli					Sequence 1, Appli
Sequence 34, Appl					Sequence 34, Appl
Sequence 238, App					Sequence 238, App
Sequence 127, App					Sequence 127, App
Sequence 127, App					Sequence 127, App
Sequence 127, App					Sequence 127, App
Sequence 127, App					Sequence 127, App
Sequence 127, App					Sequence 127, App
Sequence 2740, Ap					Sequence 2740, Ap
Sequence 127, App					Sequence 127, App

515	1260	100.0	282	16	US-10-215-371-127	Sequence 127, App
516	1260	100.0	282	16	US-10-771-187-127	Sequence 127, App
526	1260	100.0	282	17	US-10-931-886-312	Sequence 312, App
528	1260	100.0	282	17	US-10-963-467-127	Sequence 127, App
529	1260	100.0	282	17	US-10-978-255-127	Sequence 127, App
530	578.5	45.9	204	16	US-10-425-115-346009	Sequence 346009,
531	477	37.9	162	16	US-10-490-318-7	Sequence 7, Appli
532	465	36.9	162	16	US-10-490-318-11	Sequence 11, Appli
533	342	27.1	132	9	US-09-981-876-147	Sequence 147, App
534	342	27.1	132	10	US-09-148-545-147	Sequence 147, App
535	297	23.6	183	17	US-10-840-723-522	Sequence 522, App
536	297	23.6	183	17	US-10-871-602-522	Sequence 522, App
537	293.5	23.3	194	17	US-10-840-723-520	Sequence 520, App
538	293.5	23.3	194	17	US-10-871-602-520	Sequence 520, App
539	293.5	23.3	194	17	US-10-871-602-520	Sequence 520, App
540	280.5	22.3	699	16	US-10-464-368-85	Sequence 85, Appl
541	280.5	22.3	699	16	US-10-643-795A-141	Sequence 141, App
542	280.5	22.3	699	17	US-10-482-029-295	Sequence 295, App
543	280.5	22.3	699	17	US-10-948-518-141	Sequence 141, App
544	280.5	22.3	699	16	US-10-617-351-9	Sequence 9, Appli
545	280.5	22.3	873	16	US-10-479-875-7	Sequence 7, Appli
546	280.5	22.3	873	16	US-10-723-860-576	Sequence 576, App
547	280.5	22.3	873	17	US-10-482-029-152	Sequence 152, App
548	280.5	22.3	873	15	US-10-104-047-3003	Sequence 3003, Ap
549	277.5	22.0	873	13	US-10-167-264-2	Sequence 2, Appli
550	277.5	22.0	873	13	US-11-029-942-2	Sequence 2, Appli
551	277.5	22.0	963	15	US-10-464-368-86	Sequence 86, Appl
552	277	22.0	124	16	US-10-479-875-5	Sequence 5, Appli
553	277	22.0	124	16	US-10-693-057-426	Sequence 426, App
554	277	22.0	124	17	US-10-693-056-426	Sequence 426, App
555	277	22.0	124	17	US-10-840-723-426	Sequence 426, App
556	275	21.8	873	15	US-10-871-602-426	Sequence 426, App
557	271	21.5	873	16	US-10-464-368-93	Sequence 93, Appl
558	269	21.3	172	17	US-10-617-351-10	Sequence 10, Appl
559	269	21.3	172	17	US-10-840-723-523	Sequence 523, App
560	265.5	21.1	183	17	US-10-871-602-523	Sequence 523, App
561	265.5	21.1	183	17	US-10-840-723-521	Sequence 521, App
562	255.5	20.3	4660	15	US-10-871-602-521	Sequence 521, App
563	253.5	20.1	4599	16	US-10-464-368-74	Sequence 74, Appl
564	253.5	20.1	4636	9	US-10-479-875-4	Sequence 4, Appli
565	251	19.9	248	11	US-09-835-996A-33	Sequence 33, Appl
566	251	19.9	248	11	US-09-750-972-40	Sequence 40, Appl
567	251	19.9	2641	16	US-09-750-972-35	Sequence 35, Appl
568	251	19.9	4183	13	US-10-741-601-333	Sequence 333, App
569	251	19.9	4485	16	US-10-087-192-672	Sequence 672, App
570	251	19.9	4544	16	US-10-741-601-332	Sequence 332, App
571	251	19.9	4544	16	US-10-464-368-68	Sequence 68, Appl
572	251	19.9	4544	16	US-10-479-875-6	Sequence 6, Appli
573	251	19.9	4545	9	US-09-873-403-2	Sequence 2, Appli
574	251	19.9	4545	11	US-09-750-972-2	Sequence 2, Appli
575	251	19.9	4545	15	US-10-464-368-67	Sequence 67, Appl
576	251	19.9	4545	15	US-10-464-368-71	Sequence 71, Appl
577	251	19.9	4563	15	US-10-276-774-1723	Sequence 1723, Ap
578	250.5	19.9	101	16	US-10-693-057-511	Sequence 511, App
579	250.5	19.9	101	17	US-10-693-056-511	Sequence 511, App
580	250.5	19.9	101	17	US-10-840-723-511	Sequence 511, App
581	250.5	19.9	4599	15	US-10-871-602-511	Sequence 511, App
582	250.5	19.9	4599	15	US-10-464-368-69	Sequence 69, Appl
583	249	19.8	3197	13	US-10-464-368-70	Sequence 70, Appl
584	248	19.7	99	17	US-10-087-192-669	Sequence 669, App
585	248	19.7	99	17	US-10-840-723-516	Sequence 516, App
586	248	19.7	135	16	US-10-871-602-516	Sequence 516, App
587	248	19.7	135	16	US-10-693-057-470	Sequence 470, App
588	248	19.7	135	17	US-10-693-056-470	Sequence 470, App
589	248	19.7	135	17	US-10-840-723-470	Sequence 470, App
590	247	19.6	169	17	US-10-871-602-470	Sequence 470, App
591	247	19.6	209	11	US-09-750-972-43	Sequence 43, Appl
592	245.5	19.5	4753	15	US-09-750-972-44	Sequence 44, Appl
593	245	19.4	2214	14	US-10-369-493-5119	Sequence 5119, Ap
594	245	19.4	2214	14	US-09-919-039-40	Sequence 40, Appl
595	245	19.4	2214	14	US-10-176-847-94	Sequence 94, Appl
596	245	19.4	2214	14	US-10-097-340-300	Sequence 300, App
597	245	19.4	2214	15	US-10-464-368-89	Sequence 89, Appl
597	245	19.4	2214	15	US-10-188-832-78	Sequence 78, Appl

598	245	19.4	2214	16	US-10-473-127-810	Sequence 810, App	671	226.5	18.0	860	16	US-10-473-127-803	Sequence 803, App
599	245	19.4	2214	16	US-10-473-127-811	Sequence 811, App	672	226.5	18.0	860	16	US-10-473-127-807	Sequence 807, App
600	245	19.4	2214	16	US-10-473-127-812	Sequence 812, App	673	226.5	18.0	860	16	US-10-473-127-808	Sequence 808, App
601	245	19.4	2214	16	US-10-473-127-813	Sequence 813, App	674	226.5	18.0	860	16	US-10-473-127-1006	Sequence 1006, App
602	245	19.4	2214	16	US-10-473-127-814	Sequence 814, App	675	226.5	18.0	860	17	US-10-482-029-100	Sequence 100, App
603	242.5	19.2	1494	14	US-10-017-161-1612	Sequence 1612, App	676	226.5	18.0	860	17	US-10-398-200-1	Sequence 1, Appli
604	242.5	19.2	1494	15	US-10-292-798-1286	Sequence 1286, App	677	226.5	18.0	872	15	US-10-276-774-2169	Sequence 2169, App
605	242.5	19.2	1494	15	US-10-693-057-434	Sequence 434, App	678	226.5	18.0	872	16	US-10-473-127-806	Sequence 806, App
606	241.5	19.2	97	17	US-10-693-056-434	Sequence 434, App	679	226.5	18.0	1074	9	US-09-753-385-2	Sequence 2, Appli
607	241.5	19.2	97	17	US-10-840-723-434	Sequence 434, App	680	226.5	18.0	1410	9	US-09-753-385-4	Sequence 4, Appli
608	241.5	19.2	97	17	US-10-871-602-434	Sequence 434, App	681	226.5	18.0	1410	16	US-10-473-127-805	Sequence 805, App
609	241	19.1	2215	14	US-10-281-478-4	Sequence 4, Appli	682	226.5	18.0	1418	16	US-10-473-127-803	Sequence 804, App
610	241	19.1	4655	16	US-10-479-875-3	Sequence 3, Appli	683	226	17.9	91	16	US-10-693-057-423	Sequence 423, App
611	240	19.0	2867	15	US-10-464-368-73	Sequence 73, Appl	684	226	17.9	91	17	US-10-693-056-423	Sequence 423, App
612	240	19.0	4655	16	US-10-741-601-314	Sequence 314, App	685	226	17.9	91	17	US-10-840-723-423	Sequence 423, App
613	240	19.0	4655	17	US-10-741-600-897	Sequence 897, App	686	226	17.9	91	17	US-10-871-602-423	Sequence 423, App
614	237.5	18.8	170	11	US-09-750-972-47	Sequence 47, Appl	687	226	17.9	237	14	US-10-169-297-48	Sequence 48, Appl
615	237.5	18.8	819	15	US-10-094-749-1690	Sequence 1690, App	688	225	17.9	96	16	US-10-693-057-509	Sequence 509, App
616	237.5	18.8	1586	14	US-10-331-907-44	Sequence 44, Appl	689	225	17.9	96	17	US-10-693-056-509	Sequence 509, App
617	237.5	18.8	1614	9	US-09-887-540A-2	Sequence 2, Appli	690	225	17.9	96	17	US-10-840-723-509	Sequence 509, App
618	237.5	18.8	1614	14	US-10-331-907-42	Sequence 42, Appl	691	225	17.9	96	17	US-10-871-602-509	Sequence 509, App
619	237.5	18.8	1614	15	US-10-464-368-75	Sequence 75, Appl	692	225	17.9	120	9	US-09-864-761-48811	Sequence 48811, A
620	237.5	18.8	1614	15	US-10-464-368-80	Sequence 80, Appl	693	224.5	17.8	4393	15	US-10-231-956A-366	Sequence 366, App
621	237.5	18.8	1614	15	US-10-464-368-94	Sequence 94, Appl	694	224.5	17.8	4393	17	US-10-741-600-1105	Sequence 1105, App
622	237.5	18.8	2180	15	US-10-369-493-5009	Sequence 5009, App	695	222	17.6	96	16	US-10-693-057-414	Sequence 414, App
623	236.5	18.8	4123	14	US-10-213-509-5	Sequence 5, Appli	696	222	17.6	96	17	US-10-693-056-414	Sequence 414, App
624	236.5	18.8	4219	15	US-10-085-198-2	Sequence 2, Appli	697	222	17.6	96	17	US-10-840-723-414	Sequence 414, App
625	234.5	18.6	639	14	US-10-017-161-1568	Sequence 1568, App	698	222	17.6	96	17	US-10-871-602-414	Sequence 414, App
626	234	18.6	89	16	US-10-693-057-431	Sequence 431, App	699	222	17.6	136	17	US-10-840-723-524	Sequence 524, App
627	234	18.6	89	17	US-10-693-056-417	Sequence 417, App	700	222	17.6	136	17	US-10-871-602-524	Sequence 524, App
628	234	18.6	89	17	US-10-840-723-431	Sequence 431, App	701	221.5	17.6	1905	16	US-10-480-172-6	Sequence 6, Appli
629	234	18.6	89	17	US-10-871-602-431	Sequence 431, App	702	221.5	17.5	1451	14	US-10-331-907-25	Sequence 25, Appl
630	234	18.6	99	16	US-10-693-057-421	Sequence 421, App	703	220.5	17.5	1584	14	US-10-331-907-39	Sequence 39, Appl
631	234	18.6	99	17	US-10-693-056-421	Sequence 421, App	704	220.5	17.5	1591	14	US-10-331-907-4	Sequence 4, Appli
632	234	18.6	99	17	US-10-840-723-421	Sequence 421, App	705	220.5	17.5	1591	14	US-10-331-907-43	Sequence 43, Appl
633	234	18.6	99	17	US-10-871-602-421	Sequence 421, App	706	220.5	17.5	1611	15	US-10-464-368-81	Sequence 81, Appl
634	234	18.6	863	16	US-10-671-351-3	Sequence 3, Appli	707	220.5	17.5	1615	10	US-09-931-375A-2	Sequence 2, Appli
635	234	18.6	1357	15	US-10-369-493-5432	Sequence 5432, App	708	220.5	17.5	1615	14	US-10-331-907-3	Sequence 3, Appli
636	233	18.5	363	16	US-10-408-765A-764	Sequence 764, App	709	220.5	17.5	1615	15	US-10-464-368-82	Sequence 82, Appl
637	230.5	18.3	99	16	US-10-693-057-417	Sequence 417, App	710	220.5	17.5	1615	16	US-10-477-238A-808	Sequence 808, App
638	230.5	18.3	99	17	US-10-693-056-417	Sequence 417, App	711	220.5	17.5	1615	16	US-10-680-287A-808	Sequence 808, App
639	230.5	18.3	99	17	US-10-840-723-417	Sequence 417, App	712	220.5	17.5	1615	17	US-10-789-378-50	Sequence 50, Appl
640	230.5	18.3	99	17	US-10-871-602-417	Sequence 417, App	713	220.5	17.5	1615	17	US-10-482-029-146	Sequence 146, App
641	230	18.3	92	16	US-10-693-057-432	Sequence 432, App	714	220.5	17.5	1615	17	US-10-477-173-761	Sequence 761, App
642	230	18.3	92	17	US-10-693-056-432	Sequence 432, App	715	220.5	17.5	1627	13	US-10-087-192-1410	Sequence 1410, App
643	230	18.3	92	17	US-10-840-723-432	Sequence 432, App	716	220.5	17.5	1639	14	US-10-331-907-29	Sequence 29, Appl
644	230	18.3	92	17	US-10-871-602-432	Sequence 432, App	717	220.5	17.5	1665	16	US-10-477-238A-810	Sequence 810, App
645	229.5	18.2	92	16	US-10-693-057-416	Sequence 416, App	718	220.5	17.5	1665	16	US-10-680-287A-810	Sequence 810, App
646	229.5	18.2	92	17	US-10-693-056-416	Sequence 416, App	719	220.5	17.5	1665	17	US-10-477-173-763	Sequence 763, App
647	229.5	18.2	92	17	US-10-840-723-416	Sequence 416, App	720	220	17.5	96	16	US-10-693-057-420	Sequence 420, App
648	229.5	18.2	92	17	US-10-871-602-416	Sequence 416, App	721	220	17.5	96	17	US-10-693-056-420	Sequence 420, App
649	229	18.2	123	11	US-09-750-972-50	Sequence 50, Appl	722	220	17.5	96	17	US-10-840-723-420	Sequence 420, App
650	227	18.0	4346	16	US-10-741-601-3177	Sequence 317, App	723	220	17.5	96	17	US-10-871-602-420	Sequence 420, App
651	227	18.0	4346	17	US-10-741-600-1103	Sequence 1103, App	724	219.5	17.4	231	11	US-09-750-972-29	Sequence 29, Appl
652	227	18.0	4347	16	US-10-741-601-376	Sequence 376, App	725	219.5	17.4	1615	15	US-10-374-979-4	Sequence 3, Appli
653	227	18.0	4347	17	US-10-741-601-1102	Sequence 1102, App	726	219.5	17.4	1615	15	US-10-374-979-4	Sequence 3, Appli
654	227	18.0	4370	16	US-10-408-765A-1267	Sequence 1267, App	727	219.5	17.4	1615	15	US-10-182-936A-3	Sequence 3, Appli
655	227	18.0	4391	16	US-10-478-451-1	Sequence 1, Appli	728	219.5	17.4	1615	15	US-10-182-936A-4	Sequence 4, Appli
656	226.5	18.0	360	14	US-10-169-297-50	Sequence 50, Appl	729	219.5	17.4	1615	16	US-10-731-739-3	Sequence 3, Appli
657	226.5	18.0	729	16	US-10-473-127-798	Sequence 798, App	730	219.5	17.4	1615	16	US-10-731-739-4	Sequence 4, Appli
658	226.5	18.0	750	16	US-10-473-127-802	Sequence 802, App	731	219.5	17.4	1615	16	US-10-477-238A-3	Sequence 3, Appli
659	226.5	18.0	837	15	US-10-464-368-95	Sequence 95, Appl	732	219.5	17.4	1615	16	US-10-477-238A-4	Sequence 4, Appli
660	226.5	18.0	837	16	US-10-473-127-794	Sequence 794, App	733	219.5	17.4	1615	16	US-10-680-287A-3	Sequence 3, Appli
661	226.5	18.0	837	16	US-10-473-127-809	Sequence 809, App	734	219.5	17.4	1615	16	US-10-680-287A-4	Sequence 4, Appli
662	226.5	18.0	839	14	US-10-169-297-22	Sequence 22, Appl	735	219.5	17.4	1615	16	US-10-723-860-3344	Sequence 3344, App
663	226.5	18.0	839	16	US-10-473-127-795	Sequence 795, App	736	219.5	17.4	1615	17	US-10-477-173-3	Sequence 3, Appli
664	226.5	18.0	839	16	US-10-473-127-797	Sequence 797, App	737	219.5	17.4	1615	17	US-10-477-173-4	Sequence 4, Appli
665	226.5	18.0	860	9	US-09-824-637-4	Sequence 4, Appli	738	218.5	17.3	94	17	US-10-840-723-515	Sequence 515, App
666	226.5	18.0	860	16	US-10-408-765A-444	Sequence 444, App	739	218.5	17.3	94	17	US-10-871-602-515	Sequence 515, App
667	226.5	18.0	860	16	US-10-473-127-792	Sequence 792, App	740	218	17.3	36	14	US-10-133-128-190	Sequence 190, App
668	226.5	18.0	860	16	US-10-473-127-793	Sequence 793, App	741	218	17.3	36	14	US-10-283-660-190	Sequence 190, App
669	226.5	18.0	860	16	US-10-473-127-796	Sequence 796, App	742	218	17.3	36	16	US-10-693-057-190	Sequence 190, App
670	226.5	18.0	860	16	US-10-473-127-801	Sequence 801, App	743	218	17.3	36	17	US-10-693-056-190	Sequence 190, App

744	218	17.3	36	17	US-10-840-723-190	Sequence 190, App	817	201	16.0	889	17	US-10-865-978-22	Sequence 22, App1
745	218	17.3	36	16	US-10-871-602-190	Sequence 190, App	818	201	16.0	900	17	US-10-865-978-15	Sequence 15, App1
746	218	17.3	91	16	US-10-693-057-419	Sequence 419, App	819	201	16.0	925	17	US-10-865-978-25	Sequence 25, App1
747	218	17.3	91	17	US-10-693-056-419	Sequence 419, App	820	201	16.0	991	17	US-10-865-978-34	Sequence 34, App1
748	218	17.3	91	17	US-10-840-723-419	Sequence 419, App	821	201	16.0	1039	17	US-10-865-978-30	Sequence 30, App1
749	218	17.3	91	17	US-10-871-602-419	Sequence 419, App	822	201	16.0	1042	10	US-09-776-191-62	Sequence 62, App1
750	218	17.3	99	16	US-10-693-057-433	Sequence 433, App	823	201	16.0	1042	15	US-10-156-214A-29	Sequence 29, App1
751	218	17.3	99	17	US-10-693-056-433	Sequence 433, App	823	201	16.0	1042	17	US-10-865-978-2	Sequence 2, App11
752	218	17.3	99	17	US-10-840-723-433	Sequence 433, App	825	201	16.0	1042	17	US-10-865-978-2	Sequence 2, App11
753	218	17.3	99	17	US-10-871-602-433	Sequence 433, App	826	201	16.0	1044	17	US-10-865-978-9	Sequence 9, App11
754	217.5	17.3	348	14	US-10-017-161-1610	Sequence 1610, App	827	201	16.0	1076	15	US-10-276-774-2345	Sequence 2345, App
755	217.5	17.3	1553	15	US-10-292-798-1284	Sequence 1284, App	828	200.5	15.9	101	17	US-10-840-723-519	Sequence 519, App
756	217.5	17.3	1852	15	US-10-415-188-5	Sequence 5, App11	829	200.5	15.9	101	17	US-10-840-723-519	Sequence 519, App
757	217.5	17.3	1852	15	US-10-085-198-60	Sequence 60, App1	830	199	15.8	80	16	US-10-871-602-519	Sequence 519, App
758	217	17.2	36	14	US-10-133-128-189	Sequence 189, App	831	199	15.8	80	16	US-10-693-057-474	Sequence 474, App
759	217	17.2	36	14	US-10-289-660-189	Sequence 189, App	832	199	15.8	80	17	US-10-693-056-474	Sequence 474, App
760	217	17.2	36	16	US-10-693-057-189	Sequence 189, App	833	199	15.8	80	17	US-10-840-723-474	Sequence 474, App
761	217	17.2	36	17	US-10-693-056-189	Sequence 189, App	834	199	15.8	80	17	US-10-871-602-474	Sequence 474, App
762	217	17.2	36	17	US-10-840-723-189	Sequence 189, App	834	199	15.8	100	16	US-10-693-057-430	Sequence 430, App
763	217	17.2	36	17	US-10-871-602-189	Sequence 189, App	835	199	15.8	100	17	US-10-693-056-430	Sequence 430, App
764	216	17.1	166	11	US-09-750-972-33	Sequence 33, App1	836	199	15.8	100	17	US-10-840-723-430	Sequence 430, App
765	216	17.1	208	11	US-09-750-972-27	Sequence 27, App1	837	199	15.8	100	17	US-10-871-602-430	Sequence 430, App
766	216	17.1	1113	15	US-10-464-368-78	Sequence 78, App1	838	198	15.7	86	16	US-10-693-057-510	Sequence 510, App
767	216	17.1	1113	17	US-10-826-083-4	Sequence 4, App11	839	198	15.7	86	17	US-10-693-056-510	Sequence 510, App
768	216	17.1	3707	17	US-10-852-335A-139	Sequence 139, App	840	198	15.7	86	17	US-10-840-723-510	Sequence 510, App
769	215.5	17.1	89	11	US-09-750-972-46	Sequence 46, App1	841	198	15.7	86	17	US-10-871-602-510	Sequence 510, App
770	215.5	17.1	862	14	US-10-281-478-3	Sequence 3, App11	842	198	15.7	90	16	US-10-693-057-425	Sequence 425, App
771	215.5	17.1	862	15	US-10-464-368-90	Sequence 90, App1	843	198	15.7	90	17	US-10-693-056-425	Sequence 425, App
772	215.5	17.1	862	15	US-10-464-368-91	Sequence 91, App1	844	198	15.7	90	17	US-10-840-723-425	Sequence 425, App
773	214.5	17.0	864	15	US-10-464-368-92	Sequence 92, App1	845	198	15.7	90	17	US-10-871-602-425	Sequence 425, App
774	214	17.0	91	16	US-10-693-057-427	Sequence 427, App	846	197.5	15.7	122	11	US-09-750-972-25	Sequence 25, App1
775	214	17.0	91	17	US-10-693-056-427	Sequence 427, App	847	197.5	15.7	150	11	US-09-750-972-28	Sequence 28, App1
776	214	17.0	91	17	US-10-840-723-427	Sequence 427, App	848	196.5	15.6	81	16	US-10-693-057-468	Sequence 468, App
777	214	17.0	91	17	US-10-871-602-427	Sequence 427, App	849	196.5	15.6	81	17	US-10-693-056-468	Sequence 468, App
778	213	16.9	126	11	US-09-750-972-38	Sequence 38, App1	850	196.5	15.6	81	17	US-10-840-723-468	Sequence 468, App
779	212	16.8	91	16	US-10-693-057-415	Sequence 415, App	851	196.5	15.6	81	17	US-10-871-602-468	Sequence 468, App
780	212	16.8	91	17	US-10-693-056-415	Sequence 415, App	852	196	15.6	72	10	US-09-989-442-102	Sequence 102, App
781	212	16.8	91	17	US-10-840-723-415	Sequence 415, App	853	196	15.6	90	16	US-10-693-057-508	Sequence 508, App
782	212	16.8	91	17	US-10-871-602-415	Sequence 415, App	854	196	15.6	90	17	US-10-693-056-508	Sequence 508, App
783	210.5	16.7	89	17	US-10-840-723-518	Sequence 518, App	855	196	15.6	90	17	US-10-840-723-508	Sequence 508, App
784	210.5	16.7	89	17	US-10-871-602-518	Sequence 518, App	856	196	15.6	90	17	US-10-871-603-508	Sequence 508, App
785	209.5	16.6	1718	15	US-10-415-188-6	Sequence 6, App11	857	196	15.6	354	16	US-10-363-829-301	Sequence 301, App
786	208	16.5	89	16	US-10-693-057-428	Sequence 428, App	858	195.5	15.5	90	16	US-10-693-057-422	Sequence 422, App
787	208	16.5	89	17	US-10-693-056-428	Sequence 428, App	859	195.5	15.5	90	17	US-10-693-056-422	Sequence 422, App
788	208	16.5	89	17	US-10-840-723-428	Sequence 428, App	860	195.5	15.5	90	17	US-10-693-056-422	Sequence 422, App
789	208	16.5	89	17	US-10-871-602-428	Sequence 428, App	861	195.5	15.5	90	17	US-10-840-723-422	Sequence 422, App
790	208	16.5	1613	15	US-10-464-368-83	Sequence 83, App1	862	194	15.4	338	14	US-10-871-602-422	Sequence 422, App
791	208	16.5	1613	15	US-10-464-368-84	Sequence 84, App1	863	194	15.4	485	9	US-10-029-386-31944	Sequence 31944, A
792	208	16.5	1613	16	US-10-477-238A-811	Sequence 811, App	864	194	15.4	485	14	US-09-925-298-740	Sequence 740, App
793	208	16.5	1613	16	US-10-680-287A-811	Sequence 811, App	864	194	15.4	485	14	US-10-102-806-740	Sequence 740, App
794	208	16.5	1613	17	US-10-477-173-764	Sequence 764, App	890	194	15.4	713	10	US-09-796-753-4	Sequence 4, App11
795	207.5	16.5	85	16	US-10-693-057-472	Sequence 472, App	891	194	15.4	713	10	US-09-894-159-6	Sequence 6, App11
796	207.5	16.5	85	17	US-10-693-056-472	Sequence 472, App	1151	194	15.4	713	14	US-09-894-159-44	Sequence 44, App1
797	207.5	16.5	85	17	US-10-840-723-472	Sequence 472, App	1332	194	15.4	713	14	US-10-167-749-183	Sequence 183, App
798	207.5	16.5	85	17	US-10-871-602-472	Sequence 472, App	1350	194	15.4	713	14	US-10-223-085-80	Sequence 80, App1
799	207	16.4	97	16	US-10-693-057-507	Sequence 507, App	1351	194	15.4	713	14	US-10-223-084-80	Sequence 80, App1
800	207	16.4	97	17	US-10-693-056-507	Sequence 507, App	1352	194	15.4	713	14	US-10-223-088-80	Sequence 80, App1
801	207	16.4	97	17	US-10-840-723-507	Sequence 507, App	1353	194	15.4	713	14	US-10-223-090-80	Sequence 80, App1
802	207	16.4	97	17	US-10-871-602-507	Sequence 507, App	1359	194	15.4	713	14	US-10-223-087-80	Sequence 80, App1
803	206	16.3	89	16	US-10-693-057-413	Sequence 413, App	1362	194	15.4	713	14	US-10-223-089-80	Sequence 80, App1
804	206	16.3	89	17	US-10-693-056-413	Sequence 413, App	1382	194	15.4	713	14	US-10-174-587-416	Sequence 416, App
805	206	16.3	89	17	US-10-840-723-413	Sequence 413, App	1425	194	15.4	713	14	US-10-223-081-80	Sequence 80, App1
806	206	16.3	89	17	US-10-871-602-413	Sequence 413, App	1430	194	15.4	713	14	US-10-223-082-80	Sequence 80, App1
807	205	16.3	404	15	US-10-187-975-98	Sequence 98, App1	1446	194	15.4	713	15	US-10-170-481A-183	Sequence 183, App
808	203.5	16.2	83	16	US-10-693-057-475	Sequence 475, App	1448	194	15.4	713	15	US-10-210-028-183	Sequence 183, App
809	203.5	16.2	83	17	US-10-693-056-475	Sequence 475, App	1460	194	15.4	713	15	US-10-162-521A-183	Sequence 183, App
810	203.5	16.2	83	17	US-10-840-723-475	Sequence 475, App	1472	194	15.4	713	15	US-10-305-654-80	Sequence 80, App1
811	203.5	16.2	83	17	US-10-871-602-475	Sequence 475, App	1476	194	15.4	713	15	US-10-264-237-2722	Sequence 2722, App
812	202.5	16.1	548	15	US-10-369-493-5768	Sequence 5768, App	1482	194	15.4	713	15	US-10-081-056-80	Sequence 80, App1
813	201.5	16.0	800	16	US-10-473-127-800	Sequence 800, App	1489	194	15.4	713	17	US-10-918-851-183	Sequence 183, App
814	201	16.0	161	11	US-09-750-972-26	Sequence 26, App1	1490	194	15.4	713	17	US-10-805-667-183	Sequence 183, App
815	201	16.0	591	17	US-10-865-978-17	Sequence 17, App1	1491	194	15.4	713	17	US-10-897-359-183	Sequence 183, App
816	201	16.0	719	17	US-10-865-978-16	Sequence 16, App1	1492	194	15.4	713	17	US-10-893-803-183	Sequence 183, App
							1493	194	15.4	713	17	US-10-897-360-183	Sequence 183, App

1494 193.5 15.4 855 15 US-10-072-012-356
1495 193.5 15.4 855 15 US-10-072-012-414
1496 193.5 15.4 855 15 US-10-072-012-417
1497 193 15.3 81 16 US-10-693-057-469
1498 193 15.3 81 17 US-10-693-056-469
1499 193 15.3 81 17 US-10-840-723-469
1500 193 15.3 81 17 US-10-871-602-469

Sequence 356, App
Sequence 414, App
Sequence 417, App
Sequence 469, App
Sequence 469, App
Sequence 469, App
Sequence 469, App

Search completed: June 29, 2005, 11:37:13
Job time : 82.9293 secs

GenCore version 5.1.6
OM protein - protein search, using sw model
Run on: June 29, 2005, 11:07:07 ; Search time 111.102 Seconds
(without alignments)
981.678 Million cell updates/sec

Title: US-09-904-532B-127
Perfect score: 1503
Sequence: 1 MSGGWAQVGMRTGALGIA.....GLLVAMKESLLUSEQKTSLP 282
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
Searched: 2105692 segs, 386760381 residues
Total number of hits satisfying chosen parameters: 2105692
Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries

Database : A_Geneseq_16Dec04:*
1: Geneseqp1980s:*
2: Geneseqp1990s:*
3: Geneseqp2000s:*
4: Geneseqp2001s:*
5: Geneseqp2002s:*
6: Geneseqp2003as:*
7: Geneseqp2003bs:*
8: Geneseqp2004s:*
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

No.	Score	Match	Length	DB	ID	Description
RESULT 1						
ID	AA13365	standard; protein; 282 AA.				
DE	Amino acid sequence of protein PRO224.					
PN	WO914328-A2.					
PD	25-MAR-1999.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1503;	DB 2;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 3.2e-111;				
RESULT 2						
ID	AA32926	standard; protein; 282 AA.				
DE	Transmembrane domain containing protein clone HP02375.					
PN	WO9943802-A2.					
PD	02-SEP-1999.					
PA	(SAGA) SAGAMI CHEM RES CENT.					
PA	(PROT-) PROTEGENE INC.					
Query Match	100.0%;	Score 1503;	DB 2;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 3.2e-111;				
RESULT 3						
ID	AA24398	standard; protein; 282 AA.				
DE	Human PRO224 protein sequence SEQ ID NO:51.					
PN	WO200032221-A2.					
PD	08-JUN-2000.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1503;	DB 3;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 3.2e-111;				
RESULT 4						
ID	AA95342	standard; protein; 282 AA.				
DE	Human PRO224 antitumour protein.					
PN	WO200037638-A2.					
PD	29-JUN-2000.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 1503;	DB 3;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 3.2e-111;				
RESULT 5						
ID	AA97290	standard; protein; 282 AA.				
DE	Lipid associated protein (LIPAP) 1802851CD1.					
PN	WO200049043-A2.					
PD	24-AUG-2000.					
PA	(INCY-) INCYTE PHARM INC.					
Query Match	100.0%;	Score 1503;	DB 3;	Length 282;		
Best Local Similarity	100.0%;	Pred. No. 3.2e-111;				
RESULT 6						
ID	ABU71466	standard; protein; 282 AA.				

ID ADC78447 standard; protein; 282 AA.
DE Human PRO224 protein.
PN WO200015796-A2.
PD 23-MAR-2000.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 3; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 7
ID AAB80233 standard; protein; 282 AA.
DE Human PRO224 protein.
PN WO200104311-A1.
PD 18-JAN-2001.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 8
ID AAU12327 standard; protein; 282 AA.
DE Human PRO224 polypeptide sequence.
PN WO200140466-A2.
PD 07-JUN-2001.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 9
ID AAB53079 standard; protein; 282 AA.
DE Human angiogenesis-associated protein PRO224, SEQ ID NO:77.
PN WO200053753-A2.
PD 14-SEP-2000.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 10
ID AAM38847 standard; protein; 282 AA.
DE Human polypeptide SEQ ID NO 1992.
PN WO200153312-A1.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 11
ID ARU52728 standard; protein; 282 AA.
DE Human metabolism-associated protein from DKF2phfbr2_62o17.
PN WO200112659-A2.
PD 22-FEB-2001.
PA (GEHU-) GERMAN HUMAN GENOME PROJECT.
Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 12
ID ABB90364 standard; protein; 282 AA.
DE Human polypeptide SEQ ID NO 2740.
PN WO200190304-A2.
PD 29-NOV-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 100.0%; Score 1503; DB 5; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 13
ID ABU71611 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2002146709-A1.
PD 10-OCT-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 14
ID ABO17771 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003032156-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 15
ID ABU71466 standard; protein; 282 AA.

DE Human PRO polypeptide #22.
PN US2002192659-A1.
PD 19-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 16
ID ABU37041 standard; protein; 282 AA.
DE Human breast cancer / ovarian cancer related protein #17.
PN WO2003000012-A2.
PD 03-JAN-2003.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 17
ID ABU81025 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003004311-A1.
PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 18
ID ABU71912 standard; protein; 282 AA.
DE Human secreted/transmembrane protein PRO224.
PN US2003003530-A1.
PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 19
ID ABO01795 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2002197671-A1.
PD 26-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 20
ID ABU66725 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003036180-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 21
ID ABU54368 standard; protein; 282 AA.
DE Human secreted/transmembrane protein PRO224.
PN US2002132240-A1.
PD 19-SEP-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 22
ID ABO47383 standard; protein; 282 AA.
DE Human secreted/transmembrane polypeptide PRO224.
PN US2003044839-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 23
ID ABUS9806 standard; protein; 282 AA.
DE Novel secreted and transmembrane protein PRO224.
PN US2003017563-A1.
PD 23-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 24
ID ABO24996 standard; protein; 282 AA.
DE Human secreted/transmembrane protein (PRO) #156.
PN US2003092002-A1.

PN US2003036179-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 25
ID ABU64520 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #24.
PN US2002160374-A1.
PD 31-OCT-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 26
ID ABU67366 standard; protein; 282 AA.
DE Human secreted protein PRO224.
PN US2003023054-A1.
PD 30-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 27
ID ABO14886 standard; protein; 282 AA.
DE Human secreted / transmembrane polypeptide PRO224.
PN US2003036060-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 28
ID ABU67001 standard; protein; 282 AA.
DE Human secreted/transmembrane, PRO, protein SEQ ID 312.
PN US2003032155-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 29
ID ABU69643 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003017463-A1.
PD 23-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 30
ID ABO14825 standard; protein; 282 AA.
DE Human secreted / transmembrane polypeptide PRO224.
PN US2003027143-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 31
ID ADA45831 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003023238-A1.
PD 30-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 32
ID ADA76262 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073212-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 33
ID ADB29332 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003092002-A1.

PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 34
ID ADA18912 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003054517-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 35
ID ADA61535 standard; protein; 282 AA.
DE Homo sapiens.
PN US2003049816-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 36
ID ADB19320 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003058796-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 37
ID ADB27861 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082704-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 38
ID ADA86340 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082711-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 39
ID ADB15904 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087350-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 40
ID ADA47690 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073215-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 41
ID ADA18188 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039971-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 42
ID ABO32777 standard; protein; 282 AA.
DE Human secreted/transmembrane protein PRO224.
PN US2003045693-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.

PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 43
ID ADA67485 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003086795-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 44
ID ADB30492 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068794-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 45
ID ADA85788 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082693-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 46
ID ADA97000 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082705-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 47
ID ADA79304 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082763-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 48
ID ADA87443 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087345-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 49
ID ADB16645 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087349-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 50
ID ABO34837 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2003044793-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 51
ID ADA16163 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049621-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 52
ID ADB24671 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US200307713-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 53
ID ADB14800 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087351-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 54
ID ADB18761 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003073211-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 55
ID ADA93976 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077722-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 56
ID ADB19872 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082691-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 57
ID ADB13184 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082710-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 58
ID ABO43304 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003044945-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 59
ID ADA74438 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068798-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 60
ID ADA42308 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054401-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;

Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 61
ID ADB24671 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US200307713-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 62
ID ADA82195 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082701-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 63
ID ADA75158 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073216-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 64
ID ADA85236 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082695-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 65
ID ADA84684 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082708-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 66
ID ABO17515 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2003064367-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 67
ID ADB29940 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073214-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 68
ID ADA80468 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082761-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 69
ID ADA75710 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082703-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 70
ID ADA42308 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054401-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;


```
RESULT 70
ID ADA46935 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073210-A1.
PD 17-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 71
ID ADB25231 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077715-A1.
PD 24-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 72
ID ADA93407 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077721-A1.
PD 24-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 73
ID ADB26757 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092147-A1.
PD 15-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 74
ID ADB31044 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003096386-A1.
PD 22-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 75
ID ADA60972 standard; protein; 282 AA.
DE Homo sapiens.
PN US2003049817-A1.
PD 13-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 76
ID ADB24119 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077714-A1.
PD 24-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 77
ID ADA96448 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082690-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 78
ID ADA81020 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082702-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 79
ID ADA87995 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082759-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 80
ID ADB26205 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082760-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 81
ID ADB21690 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082765-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 82
ID ADA77469 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068797-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 83
ID ADB18209 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077710-A1.
PD 24-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 84
ID ADA86892 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082709-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 85
ID ADA16587 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039969-A1.
PD 27-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 86
ID ADA13016 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049622-A1.
PD 13-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 87
ID ADA41884 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003082540-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 88
ID ADA87995 standard; protein; 282 AA.
```

DE Novel human secreted and transmembrane protein PRO224.
PN US2003082700-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 89
ID ADA46383 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003054516-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 90
ID ADA17231 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003017498-A1.
PD 23-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 91
ID ADA42734 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054351-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 92
ID ADB28413 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082699-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 93
ID ADB28965 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082706-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 94
ID ADA76917 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003059909-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 95
ID ADA89547 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003073213-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 96
ID ADA97552 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082686-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 97
ID ADB27309 standard; protein; 282 AA.
DE Human PRO polypeptide #156.

PN US2003022239-A1.
PD 30-JAN-2003.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 98
ID ADB22242 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087344-A1.
PD 08-MAY-2003.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 99
ID ABO17576 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2003064923-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 100
ID ADA66933 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068793-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 101
ID ADB22794 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077711-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 102
ID ADB23567 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077712-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 103
ID ADA92289 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082712-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 104
ID ADB15352 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087352-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 105
ID ADB38604 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082766-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 106
ID ADB38052 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087347-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 107
ID ADB6524 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082689-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 108
ID ADB89604 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082698-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 109
ID ADB90336 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082762-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 110
ID ADB77653 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003077654-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 111
ID ADB39437 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082764-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 112
ID ADB74789 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003082542-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 113
ID ADB47060 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082687-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 114
ID ADB86667 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082697-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 115
ID ADB77272 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082696-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;

Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 116
ID ADB34429 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077717-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 117
ID ADB35533 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077719-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 118
ID ADB33877 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077716-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 119
ID ADB34981 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077718-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 120
ID ADB36085 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077720-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 121
ID ADB46480 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082692-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 122
ID ADC28435 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003059772-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 123
ID ADC39635 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003059828-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 124
ID ADC40149 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003059829-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;

DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087359-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 144
ID ADC55993 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087360-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 145
ID ADC58463 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087346-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 146
ID ADC12371 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003082541-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 147
ID ADC90129 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092104-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 148
ID ADC90129 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087348-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 149
ID ADC69548 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194770-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 150
ID ADC48437 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194773-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 151
ID ADD09966 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194776-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 152
ID ADD04541 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.

PN US2003087354-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 153
ID ADC80497 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092103-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 154
ID ADD11004 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194774-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 155
ID ADC47885 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194771-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 156
ID ADD04926 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003104469-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 157
ID ADC79945 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087358-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 158
ID ADD09414 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194775-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 159
ID ADD03932 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003104381-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 160
ID ADD03508 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003108983-A1.
PD 12-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 161
ID ADD41127 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203438-A1.

PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 162
ID ADD52266 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194769-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 163
ID ADD53006 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194792-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 164
ID ADD53558 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203437-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 165
ID ADD51714 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194779-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 166
ID ADD02513 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203431-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 167
ID ADD01947 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203430-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 168
ID ADD54129 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203432-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 169
ID ADD92446 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199030-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 170
ID ADD91342 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199055-A1.
PD 23-OCT-2003.

PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 171
ID ADE03956 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199057-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 172
ID ADE32253 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194765-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 173
ID ADE22185 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199056-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 174
ID ADD79409 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203428-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 175
ID ADE41945 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194772-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 176
ID ADE17762 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199023-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 177
ID ADD91894 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199053-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 178
ID ADE33357 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194767-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 179
ID ADE33909 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194791-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 180
ID ADE32805 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194766-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 181
ID ADE2998 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194768-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 182
ID ADE19418 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199025-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 183
ID ADE34760 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003077583-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 184
ID ADE18866 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199026-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 185
ID ADE43062 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199033-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 186
ID ADD95851 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199059-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 187
ID ADE22737 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199064-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 188
ID ADD78855 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203429-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 189
ID ADE32805 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194766-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 190
ID ADE42497 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199032-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 191
ID ADD80513 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207418-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 192
ID ADD89541 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199028-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 193
ID ADE40825 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199031-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 194
ID ADE04624 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199034-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 195
ID ADE92753 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194777-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 196
ID ADG21462 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207355-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 197
ID ADF77329 standard; protein; 282 AA.
DE Human 8D6 Ag protein.
PN US2003165508-A1.
PD 04-SEP-2003.
PA (CHOL/) CHOL Y S.
PA (LILL/) LI L.
Query Match 100.0%; Score 1503; DB 7; Length 282;

Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 198
ID ADG23103 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207384-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 199
ID ADF97438 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207370-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 200
ID ADG10648 standard; protein; 282 AA.
DE Human STAT6-activating protein, SEQ ID NO:238.
PN WO200296943-A1.
PD 05-DEC-2002.
PA (ASAH) ASAHI KASEI KOGYO KK.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 201
ID ADG80502 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207373-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 202
ID ADG79950 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207372-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 203
ID ADH59243 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039972-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 204
ID ADH55242 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207381-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 205
ID ADH55794 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207379-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 206
ID ADI38022 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054352-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 207
ID ADI64962 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207386-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 208
ID ADI63461 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207387-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 209
ID ADH81875 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207388-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 210
ID ADH81323 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207377-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 211
ID ADJ26290 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054349-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 212
ID ADM82492 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087355-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 213
ID ADN15891 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087353-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 214
ID ADN16520 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087385-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 215
ID ADN15339 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087356-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 216
ID ADJ26290 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054349-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;

ID ADN14787 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087357-A1.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 217
ID ADI64013 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207385-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 218
ID ADC81049 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092115-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 219
ID ADE79205 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003135025-A1.
PD 17-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 220
ID ADD76497 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003100087-A1.
PD 28-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 221
ID ADD87861 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092113-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 222
ID ADD86265 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203440-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 223
ID ADE79629 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003130489-A1.
PD 10-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 224
ID ADE75713 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003211571-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 225
ID ADE73305 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003129592-A1.
PD 10-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 226
ID ADE23289 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092108-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 227
ID ADE23841 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092110-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 228
ID ADE24484 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092111-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 229
ID ADD87309 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203439-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 230
ID ADE89175 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199062-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 231
ID ADE73840 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148370-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 232
ID ADE18314 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194794-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 233
ID ADE88623 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199054-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 234
ID ADE99394 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.

PN US2003211576-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 235
ID ADE94643 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US200319027-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 236
ID ADE91054 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199061-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 237
ID ADE95195 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199052-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 238
ID ADE93305 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199060-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 239
ID ADF34886 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199029-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 240
ID ADE98513 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003211569-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 241
ID ADE92201 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003199051-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 242
ID ADE90502 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199063-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 243
ID ADE91649 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003199058-A1.

PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 244
ID ADE98940 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003211568-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 245
ID ADG40410 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003225253-A1.
PD 04-DEC-2003.
PA (DESN/) DESNOYERS L.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J F.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 246
ID ADF73804 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003180312-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 247
ID ADG02228 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207352-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 248
ID ADG22014 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207360-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 249
ID ADG20084 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207376-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 250
ID ADF97990 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207422-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 251
ID ADG24207 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207426-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;

Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 252
ID ADF98561 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003208055-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 253
ID ADG03392 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207351-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 254
ID ADF99113 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207353-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 255
ID ADG16698 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207359-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 256
ID ADG05157 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207375-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 257
ID ADG19424 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207425-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 258
ID ADF73380 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003166051-A1.
PD 04-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 259
ID ADG13261 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207357-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 260
ID ADG08318 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207424-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 261
ID ADG15488 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003219885-A1.
PD 27-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 262
ID ADF96886 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207371-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 263
ID ADG06071 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207374-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 264
ID ADG23655 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207389-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 265
ID ADG03944 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207423-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 266
ID ADG24845 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207427-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 267
ID ADG07142 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207350-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 268
ID ADG07694 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207356-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 269
ID ADG55189 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194778-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 270

ID ADG60853 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207390-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 271
ID ADG61957 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207428-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 272
ID ADG92223 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003027145-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 273
ID ADG82158 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207358-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 274
ID ADG57397 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207362-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 275
ID ADG56845 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207364-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 276
ID ADG55741 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207365-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 277
ID ADG58501 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207368-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 278
ID ADG70867 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207420-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 279
ID ADG92650 standard; protein; 282 AA.

DE Human secreted/transmembrane protein, #26.
PN US2003027146-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 280
ID ADG57949 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207363-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 281
ID ADG53533 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207415-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 282
ID ADG71419 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207421-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 283
ID ADG81606 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207805-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 284
ID ADH30568 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077723-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 285
ID ADH11935 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207419-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 286
ID ADG52357 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207414-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 287
ID ADG54085 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207416-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 288
ID ADG81054 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194793-A1.

PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 289
ID ADG56293 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207366-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 290
ID ADH12559 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207378-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 291
ID ADG61405 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207429-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 292
ID ADH28492 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003022331-A1.
PD 30-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 293
ID ADG54637 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207367-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 294
ID ADG59677 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207369-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 295
ID ADH20439 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004005553-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 296
ID ADH07294 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004006211-A1.
PD 08-JAN-2004.
PA (DESN/) DESNOYERS L.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 297
ID ADH59839 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003215904-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 298
ID ADH06867 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004005665-A1.
PD 08-JAN-2004.
PA (DESN/) DESNOYERS L.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 299
ID ADI81101 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207361-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 300
ID ADI18609 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003152999-A1.
PD 14-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 301
ID ADI65329 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148419-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 302
ID ADI37592 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003096340-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 303
ID ADG09844 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004009548-A1.
PD 15-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 304
ID ADH97388 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003190610-A1.
PD 09-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 305
ID ADI15315 standard; protein; 282 AA.

DE Novel human secreted and transmembrane protein PRO224.
PN US2003207382-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 306
ID ADG09192 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004009547-A1.
PD 15-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 307
ID ADI65756 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148371-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 308
ID ADI14647 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207383-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 309
ID ADI26139 standard; protein; 282 AA.
DE Human protein that promotes STAT6 activation #52.
PN WO2003104277-A2.
PD 18-DEC-2003.
PA (ASAH) ASAHI KASEI KK.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 310
ID ADH60499 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004023331-A1.
PD 05-FEB-2004.
PA (DESN) DESNOYERS L.
PA (GODD) GODDARD A.
PA (GODO) GODOWSKI P J.
PA (GURN) GURNEY A L.
PA (MATH) MATHER J P.
PA (WILL) WILLIAMS P M.
PA (WOOD) WOOD W I.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 311
ID ADI18242 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207349-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 312
ID ADJ99556 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003187238-A1.
PD 02-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 313
ID ADL08749 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003186358-A1.
PD 02-OCT-2003.
PA (GETH) GENENTECH INC.

PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 314
ID ADM25090 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003096233-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 315
ID ADJ63523 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004039164-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 316
ID ADM29840 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003190611-A1.
PD 09-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 317
ID ADJ77418 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004038336-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 318
ID ADJ65540 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004038335-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 319
ID ADM27676 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004048333-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 320
ID ADM42400 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004058424-A1.
PD 25-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 321
ID ADO06162 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US6686451-B1.
PD 03-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1503; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 3.2e-111;
RESULT 322
ID ADM28262 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004077084-A1.
PD 22-APR-2004.
PA (GETH) GENENTECH INC.

Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 323
ID ADR11014 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004137561-A1.
PD 15-JUL-2004.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 324
ID ADR17923 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004147017-A1.
PD 29-JUL-2004.
PA (ASHK/) ASHKENAZI A.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GRIM/) GRIMALDI C J.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (MATH/) MATHER J P.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 325
ID ADI95744 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077659-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 326
ID ADI96296 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207354-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 327
ID AEM82023 standard; protein; 282 AA.
DE Tumour-associated antigenic target (TAT) polypeptide PRO224, SEQ:5217.
PN WO2004030615-A2.
PD 15-APR-2004.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 328
ID ADP55254 standard; protein; 282 AA.
DE Human PRO protein sequence SEQ ID NO:1230.
PN WO2004039956-A2.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;

RESULT 329
ID APT03599 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003152922-A1.
PD 14-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 330
ID APT94221 standard; protein; 282 AA.
DE Human PRO224 protein.
PN AU2003259607-A1.
PD 27-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 331
ID ADS74562 standard; protein; 282 AA.
DE Human secreted/transmembrane protein #26.
PN US2004185531-A1.
PD 23-SEP-2004.
PA (ASHK/) ASHKENAZI A.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GRIM/) GRIMALDI C J.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (MATH/) MATHER J P.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 8; Length 282;
RESULT 332
ID AAM40633 standard; protein; 303 AA.
DE Human polypeptide SEQ ID NO 5564.
PN WO200153312-A1.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match
Best Local Similarity 100.0%; Score 1503; DB 4; Length 303;
RESULT 333
ID ADO26858 standard; protein; 237 AA.
DE Human receptors and membrane-associated protein, REMAP-48.
PN WO2004044159-A2.
PD 27-MAY-2004.
PA (INCY-) INCYTE CORP.
Query Match
Best Local Similarity 79.9%; Score 1200.5; DB 8; Length 237;
RESULT 334
ID AAB51716 standard; protein; 153 AA.
DE Human secreted protein sequence encoded by gene 44 SEQ ID NO:156.
PN WO200061620-A1.
PD 19-OCT-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
PA (ROSE/) ROSEN C A.
Query Match
Best Local Similarity 52.0%; Score 781; DB 3; Length 153;
RESULT 335

ID ABU52729 standard; protein; 259 AA.
DE Human metabolism-associated DKFzphfbr2_62017 homologue #1.
PN WO200112659-A2.
PD 22-FEB-2001.
PA (GEHU-) GERMAN HUMAN GENOME PROJECT.
Query Match 49.9%; Score 750.5; DB 4; Length 259;
Best Local Similarity 57.1%; Pred. No. 1.9e-51;
RESULT 336
ID ADI26135 standard; protein; 260 AA.
DE Human protein that promotes STAT6 activation #50.
PN WO2003104277-A2.
PD 18-DEC-2003.
PA (ASAH) ASAH KASEI KK.
Query Match 49.9%; Score 750.5; DB 8; Length 260;
Best Local Similarity 57.1%; Pred. No. 1.9e-51;
RESULT 337
ID ABR43211 standard; protein; 162 AA.
DE Human IRAP-7 protein SEQ ID NO:7.
PN WO2003025542-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 47.9%; Score 720; DB 6; Length 162;
Best Local Similarity 57.4%; Pred. No. 3e-49;
RESULT 338
ID ABR43215 standard; protein; 162 AA.
DE Human IRAP-11 protein SEQ ID NO:11.
PN WO2003025542-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 47.1%; Score 708; DB 6; Length 162;
Best Local Similarity 56.7%; Pred. No. 2.7e-48;
RESULT 339
ID ABG18405 standard; protein; 141 AA.
DE Novel human diagnostic protein #18396.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 37.8%; Score 568.5; DB 4; Length 141;
Best Local Similarity 51.4%; Pred. No. 2.8e-37;
RESULT 340
ID ABG01305 standard; protein; 122 AA.
DE Novel human diagnostic protein #1296.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 34.5%; Score 519; DB 4; Length 122;
Best Local Similarity 49.6%; Pred. No. 2e-33;
RESULT 341
ID AAB51715 standard; protein; 139 AA.
DE Gene 44 human secreted protein homologous amino acid sequence #155.
PN WO200061620-A1.
PD 19-OCT-2000.
PA (ROSE/) ROSEN C A.
Query Match 25.3%; Score 381; DB 3; Length 139;
Best Local Similarity 55.4%; Pred. No. 2.2e-22;
RESULT 342
ID ABG18406 standard; protein; 149 AA.
DE Novel human diagnostic protein #18397.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 25.1%; Score 377.5; DB 4; Length 149;
Best Local Similarity 34.7%; Pred. No. 4.6e-22;
RESULT 343
ID AAW75070 standard; protein; 132 AA.
DE Human secreted protein encoded by gene 14 clone HSNBL85.
PN WO9839446-A2.
PD 11-SEP-1998.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 22.8%; Score 342; DB 2; Length 132;
Best Local Similarity 54.4%; Pred. No. 2.6e-19;
RESULT 344

ID ABO01946 standard; protein; 132 AA.
DE Novel human secreted protein #14.
PN US2003027132-A1.
PD 06-FEB-2003.
PA (RUBE/) RUBEN S M.
PA (ROSE/) ROSEN C A.
PA (FISC/) FISCHER C L.
PA (SOPP/) SOPPET D R.
PA (CART/) CARTER K C.
PA (BEDN/) BEDNARIK D R.
PA (ENDR/) ENDRESS G A.
PA (YUGG/) YU G.
PA (NIJJ/) NI J.
PA (FENG/) FENG P.
PA (YOUN/) YOUNG P E.
PA (GREE/) GREENE J M.
PA (FERR/) FERRIE A M.
PA (DUAN/) DUAN R.
PA (HUJG/) HU J.
PA (FLOR/) FLORENCE K A.
PA (OLSE/) OLSEN H S.
PA (EBNE/) EBNER R.
PA (BREW/) BREWER L A.
PA (SHIY/) SHI Y.
Query Match 22.8%; Score 342; DB 6; Length 132;
Best Local Similarity 54.4%; Pred. No. 2.6e-19;
RESULT 345
ID ADI27184 standard; protein; 996 AA.
DE Mouse LRP binding family protein #20.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 19.5%; Score 293.5; DB 8; Length 996;
Best Local Similarity 40.2%; Pred. No. 2e-14;
RESULT 346
ID AAR78233 standard; protein; 863 AA.
DE Chicken oocyte receptor P95.
PN WO9515379-A1.
PD 08-JUN-1995.
PA (PROG-) PROGEN BIOTECHNIK GMBH.
Query Match 19.1%; Score 286.5; DB 2; Length 863;
Best Local Similarity 38.4%; Pred. No. 6.2e-14;
RESULT 347
ID ABM83206 standard; protein; 778 AA.
DE Human diagnostic and therapeutic pproteins SEQ ID NO:3455.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 18.9%; Score 283.5; DB 8; Length 778;
Best Local Similarity 37.6%; Pred. No. 9.5e-14;
RESULT 348
ID ADO26843 standard; protein; 442 AA.
DE Human receptors and membrane-associated protein, REMAP-33.
PN WO2004044159-A2.
PD 27-MAY-2004.
PA (INCY-) INCYTE CORP.
Query Match 18.7%; Score 280.5; DB 8; Length 442;
Best Local Similarity 37.9%; Pred. No. 8.4e-14;
RESULT 349
ID AAU91286 standard; protein; 695 AA.
DE Human NOV5e protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.7%; Score 280.5; DB 5; Length 695;
Best Local Similarity 37.9%; Pred. No. 1.4e-13;
RESULT 350
ID ADH71752 standard; protein; 695 AA.
DE Human protein of the invention NOV28f SEQ ID NO:648.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.7%; Score 280.5; DB 8; Length 695;

Best Local Similarity 37.9%; Pred. No. 1.4e-13;
RESULT 351
ID ABO84667 standard; protein; 845 AA.
DE Human cancer-associated protein HP20-007.3.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 18.7%; Score 280.5; DB 8; Length 845;
Best Local Similarity 37.9%; Pred. No. 1.5e-13;
RESULT 352
ID ADL06561 standard; protein; 699 AA.
DE Human tumour-associated antigenic target (TAT) polypeptide #60.
PN WO2004016225-A2.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 18.7%; Score 280.5; DB 8; Length 699;
Best Local Similarity 37.9%; Pred. No. 1.5e-13;
RESULT 353
ID ADQ26075 standard; protein; 700 AA.
DE Low density lipoprotein receptor-related protein 8 #2.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (UYLR-) RIJKSUNIV LEIDEN.
Query Match 18.7%; Score 280.5; DB 8; Length 700;
Best Local Similarity 37.9%; Pred. No. 1.5e-13;
RESULT 354
ID ADD93398 standard; protein; 775 AA.
DE Human lipid-associated molecule LIPAM-5 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 18.7%; Score 280.5; DB 7; Length 775;
Best Local Similarity 37.9%; Pred. No. 1.6e-13;
RESULT 355
ID ADH71760 standard; protein; 775 AA.
DE Human protein of the invention NOV28j SEQ ID NO:656.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.7%; Score 280.5; DB 8; Length 775;
Best Local Similarity 37.9%; Pred. No. 1.6e-13;
RESULT 356
ID AAM83205 standard; protein; 778 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3454.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 18.7%; Score 280.5; DB 8; Length 778;
Best Local Similarity 37.6%; Pred. No. 1.6e-13;
RESULT 357
ID ADQ26076 standard; protein; 793 AA.
DE Low density lipoprotein receptor-related protein 8 #3.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (UYLE-) RIJKSUNIV LEIDEN.
Query Match 18.7%; Score 280.5; DB 8; Length 793;
Best Local Similarity 39.4%; Pred. No. 1.7e-13;
RESULT 358
ID ADQ93402 standard; protein; 834 AA.
DE Human lipid-associated molecule LIPAM-9 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 18.7%; Score 280.5; DB 7; Length 834;
Best Local Similarity 37.9%; Pred. No. 1.8e-13;
RESULT 359
ID ADH71762 standard; protein; 834 AA.
DE Human protein of the invention NOV28k SEQ ID NO:658.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.7%; Score 280.5; DB 8; Length 834;
Best Local Similarity 37.9%; Pred. No. 1.8e-13;
RESULT 360
ID ABO84667 standard; protein; 845 AA.
DE Human cancer-associated protein HP20-007.3.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 18.7%; Score 280.5; DB 8; Length 845;
Best Local Similarity 37.6%; Pred. No. 1.8e-13;
RESULT 361
ID ABO84665 standard; protein; 845 AA.
DE Human cancer-associated protein HP20-007.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 18.7%; Score 280.5; DB 8; Length 845;
Best Local Similarity 37.6%; Pred. No. 1.8e-13;
RESULT 362
ID AAU91289 standard; protein; 847 AA.
DE Human NOV5h protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.7%; Score 280.5; DB 5; Length 847;
Best Local Similarity 37.9%; Pred. No. 1.8e-13;
RESULT 363
ID ADH71758 standard; protein; 847 AA.
DE Human protein of the invention NOV28i SEQ ID NO:654.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.7%; Score 280.5; DB 8; Length 847;
Best Local Similarity 37.9%; Pred. No. 1.8e-13;
RESULT 364
ID ABP56840 standard; protein; 873 AA.
DE Human VLDL receptor protein SEQ ID NO:7.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 18.7%; Score 280.5; DB 6; Length 873;
Best Local Similarity 37.6%; Pred. No. 1.9e-13;
RESULT 365
ID ADJ84064 standard; protein; 873 AA.
DE Human very low density lipoprotein (VLDL) receptor protein.
PN WO2004007667-A2.
PD 23-JAN-2004.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 18.7%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.8%; Pred. No. 1.9e-13;
RESULT 366
ID ADN00738 standard; protein; 873 AA.
DE Human LDLR, SEQ ID 11.
PN WO2004024881-A2.
PD 25-MAR-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 18.7%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 1.9e-13;
RESULT 367
ID ADQ17759 standard; protein; 873 AA.
DE Human soft tissue sarcoma-upregulated protein - SEQ ID 576.
PN WO2004048938-A2.
PD 10-JUN-2004.
PA (PROT-) PROTEIN DESIGN LABS INC.
Query Match 18.7%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 1.9e-13;
RESULT 368
ID ABO84666 standard; protein; 873 AA.
DE Human cancer-associated protein HP20-007.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 18.7%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 1.9e-13;

RESULT 369
ID ABO84668 standard; protein; 873 AA.
DE Human cancer-associated protein HP20-007.4.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 18.7%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 1.9e-13;
RESULT 370
ID ADB64849 standard; protein; 752 AA.
DE Human protein encoded by clone OCBF20191950.
PN EF1308459-A2.
PD 07-MAY-2003.
PA (HELI-) HELIX RES INST.
PA (REAS-) RES ASSOC BIO TECHNOLOGY.
Query Match 18.8%; Score 280; DB 7; Length 752;
Best Local Similarity 38.6%; Pred. No. 1.7e-13;
RESULT 371
ID AAW02212 standard; protein; 873 AA.
DE Human VLDL receptor.
PN WO9626286-A1.
PD 29-AUG-1996.
PA (UYPE-) UNIV PENNSYLVANIA.
Query Match 18.5%; Score 277.5; DB 2; Length 873;
Best Local Similarity 37.1%; Pred. No. 3.3e-13;
RESULT 372
ID ADD93401 standard; protein; 904 AA.
DE Human lipid-associated molecule LIPAM-8 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 18.5%; Score 277.5; DB 7; Length 904;
Best Local Similarity 39.0%; Pred. No. 3.4e-13;
RESULT 373
ID ABP56838 standard; protein; 963 AA.
DE Human apolipoprotein E receptor 2 protein SEQ ID NO:5.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 18.5%; Score 277.5; DB 6; Length 963;
Best Local Similarity 39.0%; Pred. No. 3.7e-13;
RESULT 374
ID ADH71764 standard; protein; 963 AA.
DE Human protein of the invention NOV281 SEQ ID NO:660.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.3%; Score 275.5; DB 5; Length 729;
Best Local Similarity 37.4%; Pred. No. 3.8e-13;
RESULT 375
ID ADI27185 standard; protein; 963 AA.
DE Human LRP binding family protein #14.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.5%; Score 277.5; DB 8; Length 963;
Best Local Similarity 39.0%; Pred. No. 3.7e-13;
RESULT 376
ID ADN00737 standard; protein; 963 AA.
DE Human LDLR, SEQ ID 10.
PN WO2004024881-A2.
PD 25-MAR-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 18.5%; Score 277.5; DB 8; Length 963;
Best Local Similarity 39.0%; Pred. No. 3.7e-13;
RESULT 377
ID ADO19504 standard; protein; 963 AA.
DE Human PRO polypeptide #217.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH-) GENENTECH INC.
Query Match 18.5%; Score 277.5; DB 8; Length 963;
Best Local Similarity 37.8%; Pred. No. 5.2e-13;
Best Local Similarity 39.0%; Pred. No. 3.7e-13;
RESULT 378
ID ADQ26074 standard; protein; 963 AA.
DE Low density lipoprotein receptor-related protein 8 #1.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (UYLE-) RIJKSUNIV LEIDEN.
Query Match 18.5%; Score 277.5; DB 8; Length 963;
Best Local Similarity 39.0%; Pred. No. 3.7e-13;
RESULT 379
ID AAU91285 standard; protein; 1012 AA.
DE Human NOV5d protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.5%; Score 277.5; DB 5; Length 1012;
Best Local Similarity 39.0%; Pred. No. 3.9e-13;
RESULT 380
ID ADH71750 standard; protein; 1012 AA.
DE Human protein of the invention NOV28e SEQ ID NO:646.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.5%; Score 277.5; DB 8; Length 1012;
Best Local Similarity 39.0%; Pred. No. 3.9e-13;
RESULT 381
ID AAU78665 standard; protein; 729 AA.
DE Human NOV5a protein variant.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.3%; Score 275.5; DB 5; Length 729;
Best Local Similarity 37.4%; Pred. No. 3.8e-13;
RESULT 382
ID AAU91282 standard; protein; 729 AA.
DE Human NOV5a protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.3%; Score 275.5; DB 5; Length 729;
Best Local Similarity 37.4%; Pred. No. 3.8e-13;
RESULT 383
ID AAU91283 standard; protein; 762 AA.
DE Human NOV5b protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.3%; Score 275.5; DB 5; Length 762;
Best Local Similarity 37.4%; Pred. No. 4e-13;
RESULT 384
ID AAU78666 standard; protein; 762 AA.
DE Human NOV5b protein variant.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.3%; Score 275.5; DB 5; Length 762;
Best Local Similarity 37.4%; Pred. No. 4e-13;
RESULT 385
ID ABB57051 standard; protein; 873 AA.
DE Mouse ischaemic condition related protein sequence SEQ ID NO:84.
PN WO200188188-A2.
PD 22-NOV-2001.
PA (UYNI-) UNIV NIHON SCHOOL JURIDICAL PERSON.
Query Match 18.3%; Score 275; DB 5; Length 873;
Best Local Similarity 37.8%; Pred. No. 5.2e-13;
RESULT 386
ID ADI27192 standard; protein; 873 AA.
DE Mouse LRP binding family protein #26.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.3%; Score 275; DB 8; Length 873;
Best Local Similarity 37.8%; Pred. No. 5.2e-13;

RESULT 387
ID A084664 standard; protein; 873 AA.
DE Mouse cancer-associated protein MP20-007.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 18.3%; Score 275; DB 8; Length 873;
Best Local Similarity 37.8%; Pred. No. 5.2e-13;
RESULT 388
ID AAR78234 standard; protein; 924 AA.
DE Chicken P95/human LDL receptor chimera.
PN WO9515379-A1.
PD 08-JUN-1995.
PA (PROG-) PROGEN BIOTECHNIK GMBH.
Query Match 18.2%; Score 274; DB 2; Length 924;
Best Local Similarity 37.8%; Pred. No. 6.6e-13;
RESULT 389
ID AAR74691 standard; protein; 846 AA.
DE Human very low density lipoprotein receptor.
PN WO9513374-A2.
PD 18-MAY-1995.
PA (BAYU) BAYLOR COLLEGE MEDICINE.
Query Match 18.2%; Score 273.5; DB 2; Length 846;
Best Local Similarity 40.3%; Pred. No. 6.5e-13;
RESULT 390
ID ADJ84065 standard; protein; 873 AA.
DE Norway rat very low density lipoprotein (VLDL) receptor protein.
PN WO2004007667-A2.
PD 22-JAN-2004.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 18.0%; Score 271; DB 8; Length 873;
Best Local Similarity 37.8%; Pred. No. 1.1e-12;
RESULT 391
ID AAR74692 standard; protein; 846 AA.
DE Rat very low density lipoprotein receptor.
PN WO9513374-A2.
PD 18-MAY-1995.
PA (BAYU) BAYLOR COLLEGE MEDICINE.
Query Match 18.0%; Score 270.5; DB 2; Length 846;
Best Local Similarity 41.0%; Pred. No. 1.1e-12;
RESULT 392
ID AAR44735 standard; protein; 873 AA.
DE apo-E lipoprotein receptor.
PN JP05294998-A.
PD 09-NOV-1993.
PA (SANY) SANKYO CO LTD.
Query Match 17.8%; Score 268; DB 2; Length 873;
Best Local Similarity 37.8%; Pred. No. 1.9e-12;
RESULT 393
ID AAU91287 standard; protein; 804 AA.
DE Human NOV5f protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 17.8%; Score 267.5; DB 5; Length 804;
Best Local Similarity 36.6%; Pred. No. 1.8e-12;
RESULT 394
ID ADH71754 standard; protein; 804 AA.
DE Human protein of the invention NOV28g SEQ ID NO:650.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 17.8%; Score 267.5; DB 8; Length 804;
Best Local Similarity 36.6%; Pred. No. 1.8e-12;
RESULT 395
ID AAU91284 standard; protein; 825 AA.
DE Human NOV5c protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 17.8%; Score 267.5; DB 5; Length 825;
Best Local Similarity 36.6%; Pred. No. 1.9e-12;
RESULT 396
ID ADH71748 standard; protein; 825 AA.
DE Human protein of the invention NOV28d SEQ ID NO:644.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 17.8%; Score 267.5; DB 8; Length 825;
Best Local Similarity 36.6%; Pred. No. 1.9e-12;
RESULT 397
ID ADH23362 standard; protein; 832 AA.
DE Human receptor & membrane associated protein (REMAP) SeqID12.
PN WO2003104395-A2.
PD 18-DEC-2003.
PA (INCY-) INCYTE CORP.
Query Match 17.6%; Score 264; DB 8; Length 832;
Best Local Similarity 28.3%; Pred. No. 3.7e-12;
RESULT 398
ID ABM83204 standard; protein; 837 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3453.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 17.6%; Score 264; DB 8; Length 837;
Best Local Similarity 28.3%; Pred. No. 3.7e-12;
RESULT 399
ID ADH71746 standard; protein; 661 AA.
DE Human protein of the invention NOV28c SEQ ID NO:642.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 17.2%; Score 258.5; DB 8; Length 661;
Best Local Similarity 35.7%; Pred. No. 7.6e-12;
RESULT 400
ID AAR05533 standard; protein; 727 AA.
DE Fragment of Heymann nephritis antigen, gp330.
PN EP358977-A.
PD 21-MAR-1990.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 17.0%; Score 255.5; DB 2; Length 727;
Best Local Similarity 36.7%; Pred. No. 1.5e-11;
RESULT 401
ID ADI27173 standard; protein; 4660 AA.
DE Rat LRP binding family protein #4.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 17.0%; Score 255.5; DB 8; Length 4660;
Best Local Similarity 36.7%; Pred. No. 1.3e-10;
RESULT 402
ID ABP56837 standard; protein; 4599 AA.
DE Human LRP1B protein SEQ ID NO:4.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUCK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 16.9%; Score 253.5; DB 6; Length 4599;
Best Local Similarity 39.7%; Pred. No. 1.9e-10;
RESULT 403
ID AAE11937 standard; protein; 4636 AA.
DE Human CG168 (or C595) receptor protein #2.
PN WO200179446-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSSEQ INC.
Query Match 16.9%; Score 253.5; DB 4; Length 4636;
Best Local Similarity 39.7%; Pred. No. 1.9e-10;
RESULT 404
ID ADS10474 standard; protein; 4636 AA.
DE Human therapeutic protein - SEQ ID 711.
PN WO2004080148-A2.
PD 23-SEP-2004.
PA (NUVE-) NUVELO INC.
Query Match 16.9%; Score 253.5; DB 8; Length 4636;
Best Local Similarity 39.7%; Pred. No. 1.9e-10;
RESULT 405

ADH71748 standard; protein; 825 AA.
Human protein of the invention NOV28d SEQ ID NO:644.
WO2003102155-A2.
11-DEC-2003.
(CURA-) CURAGEN CORP.
Query Match 17.8%; Score 267.5; DB 8; Length 825;
Best Local Similarity 36.6%; Pred. No. 1.9e-12;
RESULT 397
ADH23362 standard; protein; 832 AA.
Human receptor & membrane associated protein (REMAP) SeqID12.
WO2003104395-A2.
18-DEC-2003.
(INCY-) INCYTE CORP.
Query Match 17.6%; Score 264; DB 8; Length 832;
Best Local Similarity 28.3%; Pred. No. 3.7e-12;
RESULT 398
ABM83204 standard; protein; 837 AA.
Human diagnostic and therapeutic pprotein SEQ ID NO:3453.
WO2004023973-A2.
25-MAR-2004.
(INCY-) INCYTE CORP.
Query Match 17.6%; Score 264; DB 8; Length 837;
Best Local Similarity 28.3%; Pred. No. 3.7e-12;
RESULT 399
ADH71746 standard; protein; 661 AA.
Human protein of the invention NOV28c SEQ ID NO:642.
WO2003102155-A2.
11-DEC-2003.
(CURA-) CURAGEN CORP.
Query Match 17.2%; Score 258.5; DB 8; Length 661;
Best Local Similarity 35.7%; Pred. No. 7.6e-12;
RESULT 400
AAR05533 standard; protein; 727 AA.
Fragment of Heymann nephritis antigen, gp330.
EP358977-A.
21-MAR-1990.
(GEHO) GEN HOSPITAL CORP.
Query Match 17.0%; Score 255.5; DB 2; Length 727;
Best Local Similarity 36.7%; Pred. No. 1.5e-11;
RESULT 401
ADI27173 standard; protein; 4660 AA.
Rat LRP binding family protein #4.
WO2003106657-A2.
24-DEC-2003.
(STOW-) STOWERS INST MEDICAL RES.
Query Match 17.0%; Score 255.5; DB 8; Length 4660;
Best Local Similarity 36.7%; Pred. No. 1.3e-10;
RESULT 402
ABP56837 standard; protein; 4599 AA.
Human LRP1B protein SEQ ID NO:4.
WO200299438-A2.
12-DEC-2002.
(DELB-) DELBRUCK CENT MOLEKULARE MEDIZIN MAX.
(UYAA-) UNIV AARHUS.
Query Match 16.9%; Score 253.5; DB 6; Length 4599;
Best Local Similarity 39.7%; Pred. No. 1.9e-10;
RESULT 403
AAE11937 standard; protein; 4636 AA.
Human CG168 (or C595) receptor protein #2.
WO200179446-A2.
25-OCT-2001.
(HYSE-) HYSSEQ INC.
Query Match 16.9%; Score 253.5; DB 4; Length 4636;
Best Local Similarity 39.7%; Pred. No. 1.9e-10;
RESULT 404
ADS10474 standard; protein; 4636 AA.
Human therapeutic protein - SEQ ID 711.
WO2004080148-A2.
23-SEP-2004.
(NUVE-) NUVELO INC.
Query Match 16.9%; Score 253.5; DB 8; Length 4636;
Best Local Similarity 39.7%; Pred. No. 1.9e-10;
RESULT 405

ID AAU81052 standard; protein; 248 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #21.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 5; Length 248;
 Best Local Similarity 37.6%; Pred. No. 9.5e-12;
 RESULT 406
 ID AAU81047 standard; protein; 289 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #16.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 5; Length 289;
 Best Local Similarity 37.6%; Pred. No. 1.1e-11;
 RESULT 407
 ID ADN11586 standard; protein; 2520 AA.
 DE Human CD91 protein fragment SEQ ID NO: 7.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 8; Length 2520;
 Best Local Similarity 37.6%; Pred. No. 1.5e-10;
 RESULT 408
 ID ADN11585 standard; protein; 2565 AA.
 DE Human CD91 protein fragment SEQ ID NO: 6.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 8; Length 2565;
 Best Local Similarity 37.6%; Pred. No. 1.5e-10;
 RESULT 409
 ID ARM85419 standard; protein; 4183 AA.
 DE Human protein sequence hCP1725406.
 PN WO2003073826-A2.
 PD 12-SEP-2003.
 PA (SAGR-) SAGRES DISCOVERY.
 Query Match 16.7%; Score 251; DB 7; Length 4183;
 Best Local Similarity 37.6%; Pred. No. 2.6e-10;
 RESULT 410
 ID ADN11590 standard; protein; 4419 AA.
 DE Human CD91 protein fragment SEQ ID NO: 11.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 8; Length 4419;
 Best Local Similarity 37.6%; Pred. No. 2.8e-10;
 RESULT 411
 ID ADN11588 standard; protein; 4419 AA.
 DE Human CD91 protein fragment SEQ ID NO: 9.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 8; Length 4419;
 Best Local Similarity 37.6%; Pred. No. 2.8e-10;
 RESULT 412
 ID ADN11587 standard; protein; 4464 AA.
 DE Human CD91 protein fragment SEQ ID NO: 8.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 8; Length 4464;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 413
 ID ADN11589 standard; protein; 4464 AA.
 DE Human CD91 protein fragment SEQ ID NO: 10.
 PN WO2004033657-A2.
 PD 22-APR-2004.

PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 8; Length 4464;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 414
 ID AAU81016 standard; protein; 4529 AA.
 DE Mouse alpha2 macroglobulin (alpha2M) receptor.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 5; Length 4529;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 415
 ID AAR47861 standard; protein; 4544 AA.
 DE Alpha 2-Macroglobulin/LDL-receptor related protein.
 PN WO9401553-A1.
 PD 20-JAN-1994.
 PA (BOEH) BOHRINGER INGELHEIM INT GMBH.
 Query Match 16.7%; Score 251; DB 2; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 416
 ID AAR60517 standard; protein; 4544 AA.
 DE Human alpha-2-MR.
 PN WO9418227-A2.
 PD 18-AUG-1994.
 PA (DENZ-) DENZYME APS.
 Query Match 16.7%; Score 251; DB 2; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 417
 ID AAM79091 standard; protein; 4544 AA.
 DE Human protein SEQ ID NO 1753.
 PN WO200157190-A2.
 PD 09-AUG-2001.
 PA (HYSE-) HYSEQ INC.
 Query Match 16.7%; Score 251; DB 4; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 418
 ID AAU81019 standard; protein; 4544 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 5; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 419
 ID ABP56839 standard; protein; 4544 AA.
 DE Human LRP protein SEQ ID NO:6.
 PN WO200299438-A2.
 PD 12-DEC-2002.
 PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
 PA (UYAA-) UNIV AARHUS.
 Query Match 16.7%; Score 251; DB 6; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 420
 ID ABU89744 standard; protein; 4544 AA.
 DE Protein differentially expressed in cardiovascular disease #38.
 PN WO2003031650-A2.
 PD 17-APR-2003.
 PA (FARB) BAYER AG.
 Query Match 16.7%; Score 251; DB 6; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 421
 ID ADD14025 standard; protein; 4544 AA.
 DE Human src biomarker polypeptide SEQ ID NO:214.
 PN WO2003062395-A2.
 PD 31-JUL-2003.
 PA (BRIM) BRISTOL-MYERS SQUIBB CO.
 Query Match 16.7%; Score 251; DB 7; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 422
 ID AD127167 standard; protein; 4544 AA.
 DE Human LRP binding family protein #7.
 PN WO2003106657-A2.

PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 16.7%; Score 251; DB 8; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 423
 ID ADL15636 standard; protein; 4544 AA.
 DE Human lipoprotein receptor-related protein (LRP) SeqID 10.
 PN WO2004018997-A2.
 PD 04-MAR-2004.
 PA (NEUR-) NEUROGENETICS INC.
 Query Match 16.7%; Score 251; DB 8; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 424
 ID ADN11584 standard; protein; 4544 AA.
 DE Human CD91 protein fragment SEQ ID NO: 5.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 8; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 425
 ID AAU74797 standard; protein; 4545 AA.
 DE Mouse alpha 2 macroglobulin (alpha2MR).
 PN WO200191787-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.7%; Score 251; DB 5; Length 4545;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 426
 ID ADI27166 standard; protein; 4545 AA.
 DE Mouse LRP binding family protein #11.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 16.7%; Score 251; DB 8; Length 4545;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 427
 ID ADI27170 standard; protein; 4545 AA.
 DE Mouse LRP binding family protein #14.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 16.7%; Score 251; DB 8; Length 4545;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 428
 ID ADT4982 standard; protein; 4545 AA.
 DE Murine LRP1 SEQ ID NO:89.
 PN WO2004083241-A2.
 PD 30-SEP-2004.
 PA (TAKE) TAKEDA CHEM IND LTD.
 Query Match 16.7%; Score 251; DB 8; Length 4545;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 429
 ID ABB11353 standard; peptide; 4563 AA.
 DE Human LDL receptor precursor homologue, SEQ ID NO:1723.
 PN WO200157188-A2.
 PD 09-AUG-2001.
 PA (HYSE-) HYSEQ INC.
 Query Match 16.7%; Score 251; DB 4; Length 4563;
 Best Local Similarity 37.6%; Pred. No. 2.9e-10;
 RESULT 430
 ID ADP21811 standard; protein; 101 AA.
 DE Human IL6 specific LDL receptor A domain protein monomer #N7.
 PN WO2004044011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 16.7%; Score 250.5; DB 8; Length 101;
 Best Local Similarity 38.3%; Pred. No. 3.6e-12;
 RESULT 431
 ID ADI27168 standard; protein; 4599 AA.
 DE Mouse LRP binding family protein #12.
 PN WO2003106657-A2.

PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 16.7%; Score 250.5; DB 8; Length 4599;
 Best Local Similarity 35.3%; Pred. No. 3.2e-10;
 RESULT 432
 ID ADI27169 standard; protein; 4599 AA.
 DE Mouse LRP binding family protein #13.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 16.7%; Score 250.5; DB 8; Length 4599;
 Best Local Similarity 35.3%; Pred. No. 3.2e-10;
 RESULT 433
 ID AEM85418 standard; protein; 3197 AA.
 DE Mouse protein sequence MCP4460.
 PN WO2003073826-A2.
 PD 12-SEP-2003.
 PA (SAGR-) SAGRES DISCOVERY.
 Query Match 16.8%; Score 249; DB 7; Length 3197;
 Best Local Similarity 41.5%; Pred. No. 2.8e-10;
 RESULT 434
 ID ADP21768 standard; protein; 135 AA.
 DE Human CD28 specific LDL receptor A domain protein monomer A10.
 PN WO2004044011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 16.5%; Score 248; DB 8; Length 135;
 Best Local Similarity 40.0%; Pred. No. 8e-12;
 RESULT 435
 ID AAU81055 standard; protein; 169 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #24.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.4%; Score 247; DB 5; Length 169;
 Best Local Similarity 37.5%; Pred. No. 1.3e-11;
 RESULT 436
 ID AAU81056 standard; protein; 209 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #25.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 16.4%; Score 247; DB 5; Length 209;
 Best Local Similarity 37.5%; Pred. No. 1.6e-11;
 RESULT 437
 ID ADN22466 standard; protein; 4753 AA.
 DE Bacterial polypeptide #5119.
 PN US2003233675-A1.
 PD 18-DEC-2003.
 PA (CAOY/) CAO Y.
 PA (HINK/) HINKLE G J.
 PA (SLAT/) SLATER S C.
 PA (CHEN/) CHEN X.
 PA (GOLD/) GOLDMAN B S.
 Query Match 16.3%; Score 245.5; DB 8; Length 4753;
 Best Local Similarity 37.5%; Pred. No. 8.4e-10;
 RESULT 438
 ID ADO19388 standard; protein; 2000 AA.
 DE Human PRO polypeptide #159.
 PN WO2004043361-A2.
 PD 27-MAY-2004.
 PA (GETH) GENENTECH INC.
 Query Match 16.3%; Score 245; DB 8; Length 2000;
 Best Local Similarity 34.2%; Pred. No. 3.3e-10;
 RESULT 439
 ID ADP54446 standard; protein; 2000 AA.
 DE Human PRO protein sequence SEQ ID NO:422.
 PN WO2004039956-A2.
 PD 13-MAY-2004.
 PA (GETH) GENENTECH INC.
 Query Match 16.3%; Score 245; DB 8; Length 2000;
 Best Local Similarity 34.2%; Pred. No. 3.3e-10;
 RESULT 440

ID ADP23554 standard; protein; 2000 AA.
DE PRO polypeptide SEQ ID NO:732.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 16.3%; Score 245; DB 8; Length 2000;
Best Local Similarity 34.2%; Pred. No. 3.3e-10;
RESULT 441
ID RAN26357 standard; protein; 2214 AA.
DE Human LDL receptor analogue.
PN EP773290-A2.
PD 14-MAY-1997.
PA (KOWA) KOWA CO LTD.
Query Match 16.3%; Score 245; DB 2; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 442
ID ABB85016 standard; protein; 2214 AA.
DE Pain regulated protein sequence 11.
PN WO200212338-A2.
PD 14-FEB-2002.
PA (CHEP) GRUENENTHAL GMBH.
Query Match 16.3%; Score 245; DB 5; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 443
ID ABG96421 standard; protein; 2214 AA.
DE Human ovarian cancer marker OV59.
PN WO200271928-A2.
PD 19-SEP-2002.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 16.3%; Score 245; DB 5; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 444
ID ABJ37071 standard; protein; 2214 AA.
DE Human breast cancer / ovarian cancer related protein #47.
PN WO200300012-A2.
PD 03-JAN-2003.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 16.3%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 445
ID ABR48181 standard; protein; 2214 AA.
DE Human bladder cancer associated protein sequence SEQ ID NO:78.
PN WO2003003906-A2.
PD 16-JAN-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 16.3%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 446
ID ABU04144 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #810.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.3%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 447
ID ABU04147 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #813.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.3%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 448
ID ABU04145 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #811.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.3%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 449
ID ABU04148 standard; protein; 2214 AA.

DE Human expressed protein tag (EPT) #814.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.3%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 450
ID ABU04146 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #812.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 16.3%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 451
ID ADE76875 standard; protein; 2214 AA.
DE Human protein expressed in a liver disorder #13.
PN US2003108871-A1.
PD 12-JUN-2003.
PA (KASE/) KASER M R.
Query Match 16.3%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 452
ID ADI27188 standard; protein; 2214 AA.
DE Human LRP binding family protein #15.
PN WO2003106557-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 16.3%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 453
ID ADQ91461 standard; protein; 2214 AA.
DE Amino acid sequence of the human sortilin-related precursor.
PN WO2004056385-A2.
PD 08-JUL-2004.
PA (UYAA-) UNIV AARHUS.
Query Match 16.3%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 3.8e-10;
RESULT 454
ID ADO19891 standard; protein; 2279 AA.
DE Human PRO polypeptide #406.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 16.3%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 3.9e-10;
RESULT 455
ID ADP55014 standard; protein; 2279 AA.
DE Human PRO protein sequence SEQ ID NO:990.
PN WO2004039956-A2.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 16.3%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 3.9e-10;
RESULT 456
ID ADP24550 standard; protein; 2279 AA.
DE PRO polypeptide SEQ ID NO:1728.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 16.3%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 3.9e-10;
RESULT 457
ID ABB58053 standard; protein; 1963 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 951.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEXS) PE CORP NY.
Query Match 16.2%; Score 244; DB 4; Length 1963;
Best Local Similarity 31.6%; Pred. No. 3.9e-10;
RESULT 458
ID ABG30203 standard; protein; 4561 AA.
DE Novel human diagnostic protein #30194.

PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 16.2%; Score 243.5; DB 4; Length 4561;
Best Local Similarity 29.2%; Pred. No. 1.2e-09;
RESULT 459
ID ADC86833 standard; protein; 1494 AA.
DE Human GPCR protein SEQ ID NO:1286.
PN EP1270724-A2.
PD 02-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO.
Query Match 16.1%; Score 242.5; DB 7; Length 1494;
Best Local Similarity 30.6%; Pred. No. 3.7e-10;
RESULT 460
ID ADL46154 standard; protein; 2033 AA.
DE Murine sortilin family protein, mSorLA.
PN WO2004022719-A2.
PD 18-MAR-2004.
PA (WISC) WISCONSIN ALUMNI RES FOUND.
Query Match 16.0%; Score 241; DB 8; Length 2033;
Best Local Similarity 33.8%; Pred. No. 7.1e-10;
RESULT 461
ID ADC99861 standard; protein; 2215 AA.
DE Murine Lrll1/SorLA protein.
PN WO2003036264-A2.
PD 01-MAY-2003.
PA (IMMV) IMMUNEX CORP.
Query Match 16.0%; Score 241; DB 7; Length 2215;
Best Local Similarity 33.8%; Pred. No. 7.8e-10;
RESULT 462
ID ABB59051 standard; protein; 4547 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 3945.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 16.0%; Score 241; DB 4; Length 4547;
Best Local Similarity 29.8%; Pred. No. 1.8e-09;
RESULT 463
ID AAR97209 standard; protein; 4655 AA.
DE Human placental calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.0%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 464
ID AAR97211 standard; protein; 4655 AA.
DE Human parathyroid calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.0%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 465
ID AAR97208 standard; protein; 4655 AA.
DE Human calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.0%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 466
ID AAR97210 standard; protein; 4655 AA.
DE Human kidney calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.0%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 467
ID AAW43313 standard; protein; 4655 AA.
DE Human kidney calcium sensor protein.

PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.0%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 468
ID AAW43314 standard; protein; 4655 AA.
DE Human parathyroid calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.0%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 469
ID AAW43311 standard; protein; 4655 AA.
DE Human calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.0%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 470
ID AAW43312 standard; protein; 4655 AA.
DE Human placental calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 16.0%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 471
ID ABP56836 standard; protein; 4655 AA.
DE Human megalin protein SEQ ID NO:3.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 16.0%; Score 241; DB 6; Length 4655;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 472
ID ABG04530 standard; protein; 4689 AA.
DE Novel human diagnostic protein #4521.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 16.0%; Score 241; DB 4; Length 4689;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 473
ID ADT49903 standard; protein; 4700 AA.
DE Human LRP2(4700) SEQ ID NO:110.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 16.0%; Score 241; DB 8; Length 4700;
Best Local Similarity 34.2%; Pred. No. 1.9e-09;
RESULT 474
ID ADI27172 standard; protein; 2867 AA.
DE Human LRP binding family protein #8.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOM-) STOMERS INST MEDICAL RES.
Query Match 16.0%; Score 240; DB 8; Length 2867;
Best Local Similarity 34.2%; Pred. No. 1.3e-09;
RESULT 475
ID ADQ39234 standard; protein; 4655 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 897.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 16.0%; Score 240; DB 8; Length 4655;
Best Local Similarity 34.2%; Pred. No. 2.3e-09;
RESULT 476
ID ABB85015 standard; protein; 2215 AA.
DE Pain regulated protein sequence 10.

PN WO200212338-A2.
 PD 14-FEB-2002.
 PA (CHEF) GRUENENTHAL GMBH.
 Query Match 15.9%; Score 239; DB 5; Length 2215;
 Best Local Similarity 33.8%; Pred. No. 1.1e-09;
 RESULT 477
 ID ABG04526 standard; protein; 3478 AA.
 DE Novel human diagnostic protein #4517.
 PN WO200175067-A2.
 PD 11-OCT-2001.
 PA (HYSE-) HYSEQ INC.
 Query Match 15.9%; Score 239; DB 4; Length 3478;
 Best Local Similarity 37.8%; Pred. No. 1.9e-09;
 RESULT 478
 ID AAU81059 standard; protein; 170 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #28.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 15.8%; Score 237.5; DB 5; Length 170;
 Best Local Similarity 40.2%; Pred. No. 7.2e-11;
 RESULT 479
 ID ADA54122 standard; protein; 819 AA.
 DE Human protein, SEQ ID 1690.
 PN EP1293569-A2.
 PD 19-MAR-2003.
 PA (HELI-) HELIX RES INST.
 PA (REAS-) RES ASSOC BIOTECHNOLOGY.
 Query Match 15.8%; Score 237.5; DB 6; Length 819;
 Best Local Similarity 38.9%; Pred. No. 4.6e-10;
 RESULT 480
 ID AB084658 standard; protein; 1325 AA.
 DE Mouse cancer-associated protein MP20-001.2.
 PN WO2004074320-A2.
 PD 02-SEP-2004.
 PA (SAGR-) SAGRES DISCOVERY INC.
 Query Match 15.8%; Score 237.5; DB 8; Length 1325;
 Best Local Similarity 37.5%; Pred. No. 8.1e-10;
 RESULT 481
 ID AAU83312 standard; protein; 1614 AA.
 DE Mouse Lrp5 protein.
 PN WO9846743-A1.
 PD 22-OCT-1998.
 PA (WELL) WELLCOME TRUST LTD.
 PA (MERI) MERCK & CO INC.
 Query Match 15.8%; Score 237.5; DB 2; Length 1614;
 Best Local Similarity 37.5%; Pred. No. 1e-09;
 RESULT 482
 ID ABB07255 standard; protein; 1614 AA.
 DE Mouse LPR5 polypeptide.
 PN WO200198508-A2.
 PD 27-DEC-2001.
 PA (DELT-) DEUTAGEN INC.
 Query Match 15.8%; Score 237.5; DB 5; Length 1614;
 Best Local Similarity 37.5%; Pred. No. 1e-09;
 RESULT 483
 ID ADI27193 standard; protein; 1614 AA.
 DE Mouse LRP binding family protein #27.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 15.8%; Score 237.5; DB 8; Length 1614;
 Best Local Similarity 37.5%; Pred. No. 1e-09;
 RESULT 484
 ID ADI27174 standard; protein; 1614 AA.
 DE Mouse LRP binding family protein #16.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 15.8%; Score 237.5; DB 8; Length 1614;
 Best Local Similarity 37.5%; Pred. No. 1e-09;
 RESULT 485
 ID ADI27179 standard; protein; 1614 AA.

DE Mouse LRP binding family protein #18.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 15.8%; Score 237.5; DB 8; Length 1614;
 Best Local Similarity 37.5%; Pred. No. 1e-09;
 RESULT 486
 ID ADN22356 standard; protein; 2180 AA.
 DE Bacterial polypeptide #5009.
 PN US2003233675-A1.
 PD 18-DEC-2003.
 PA (CAOY/) CAO Y.
 PA (HINK/) HINKLE G J.
 PA (SLAT/) SLATER S C.
 PA (CHEN/) CHEN X.
 PA (GOLD/) GOLDMAN B S.
 Query Match 15.8%; Score 237.5; DB 8; Length 2180;
 Best Local Similarity 30.6%; Pred. No. 1.5e-09;
 RESULT 487
 ID AAU91288 standard; protein; 857 AA.
 DE Human NOV5g protein.
 PN WO200216600-A2.
 PD 28-FEB-2002.
 PA (CURA-) CURAGEN CORP.
 Query Match 15.7%; Score 236.5; DB 5; Length 857;
 Best Local Similarity 36.6%; Pred. No. 5.8e-10;
 RESULT 488
 ID ADH71756 standard; protein; 857 AA.
 DE Human protein of the invention NOV28h SEQ ID NO:652.
 PN WO2003102155-A2.
 PD 11-DEC-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match 15.7%; Score 236.5; DB 8; Length 857;
 Best Local Similarity 36.6%; Pred. No. 5.8e-10;
 RESULT 489
 ID ADH71768 standard; protein; 904 AA.
 DE Human protein of the invention NOV28n SEQ ID NO:664.
 PN WO2003102155-A2.
 PD 11-DEC-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match 15.7%; Score 236.5; DB 8; Length 904;
 Best Local Similarity 36.6%; Pred. No. 6.2e-10;
 RESULT 490
 ID AAU91290 standard; protein; 905 AA.
 DE Human NOV5i protein.
 PN WO200216600-A2.
 PD 28-FEB-2002.
 PA (CURA-) CURAGEN CORP.
 Query Match 15.7%; Score 236.5; DB 5; Length 905;
 Best Local Similarity 36.6%; Pred. No. 6.2e-10;
 RESULT 491
 ID ADH71742 standard; protein; 905 AA.
 DE Human protein of the invention NOV28a SEQ ID NO:638.
 PN WO2003102155-A2.
 PD 11-DEC-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match 15.7%; Score 236.5; DB 8; Length 905;
 Best Local Similarity 36.6%; Pred. No. 6.2e-10;
 RESULT 492
 ID ADH71766 standard; protein; 905 AA.
 DE Human protein of the invention NOV28m SEQ ID NO:662.
 PN WO2003102155-A2.
 PD 11-DEC-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match 15.7%; Score 236.5; DB 8; Length 905;
 Best Local Similarity 36.6%; Pred. No. 6.2e-10;
 RESULT 493
 ID ABU62079 standard; protein; 4123 AA.
 DE Human jelly belly (jeb) protein.
 PN US2003054485-A1.
 PD 20-MAR-2003.
 PA (SCOT/) SCOTT M P.
 PA (WEIS/) WEISS J B.

Query Match 15.7%; Score 236.5; DB 7; Length 4123;
Best Local Similarity 29.7%; Pred. No. 3.7e-09;
RESULT 494
ID ADH48718 standard; protein; 4219 AA.
DE NOV1 protein sequence, SEQ ID 2.
PN WO200268652-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 15.7%; Score 236.5; DB 5; Length 4219;
Best Local Similarity 29.7%; Pred. No. 3.8e-09;
RESULT 495
ID ADN95228 standard; protein; 5737 AA.
DE Human BEC/LSC-related protein sequence SeqID150.
PN WO2003080640-A1.
PD 02-OCT-2003.
PA (LUDW-) LUDWIG INST CANCER RES.
PA (LICN) LICENTIA LTD.
Query Match 15.7%; Score 236.5; DB 7; Length 5737;
Best Local Similarity 29.7%; Pred. No. 5.5e-09;
RESULT 496
ID AAW26356 standard; protein; 2213 AA.
DE Rabbit LDL receptor analogue.
PN EP773290-A2.
PD 14-MAY-1997.
PA (KOWA) KOWA CO LTD.
Query Match 15.7%; Score 236; DB 2; Length 2213;
Best Local Similarity 24.1%; Pred. No. 1.9e-09;
RESULT 497
ID ASG01306 standard; protein; 320 AA.
DE Novel human diagnostic protein #1297.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 15.6%; Score 234.5; DB 4; Length 320;
Best Local Similarity 28.2%; Pred. No. 2.6e-10;
RESULT 498
ID ADJ84058 standard; protein; 863 AA.
DE Caenorhabditis elegans fat metabolism-related LPO-1 protein.
PN WO2004007667-A2.
PD 22-JAN-2004.
PA (GEO) GEN HOSPITAL CORP.
Query Match 15.6%; Score 234; DB 8; Length 863;
Best Local Similarity 39.6%; Pred. No. 9.3e-10;
RESULT 499
ID ADN22779 standard; protein; 1357 AA.
DE Bacterial polypeptide #5432.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY) CAO Y.
PA (HINK) HINKLE G J.
PA (SLAT) SLATER S C.
PA (CHEN) CHEN X.
PA (GOLD) GOLDMAN B S.
Query Match 15.6%; Score 234; DB 8; Length 1357;
Best Local Similarity 39.6%; Pred. No. 1.6e-09;
RESULT 500
ID ABB59371 standard; protein; 4601 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 4905.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 15.5%; Score 233.5; DB 4; Length 4601;
Best Local Similarity 29.9%; Pred. No. 7.3e-09;
RESULT 501
ID ADJ68958 standard; protein; 363 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID764.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 15.5%; Score 233; DB 7; Length 363;
Best Local Similarity 28.0%; Pred. No. 4e-10;
RESULT 502

ID ABB60973 standard; protein; 761 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9711.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 15.5%; Score 232.5; DB 4; Length 761;
Best Local Similarity 31.2%; Pred. No. 1e-09;
RESULT 503
ID ABB61029 standard; protein; 792 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9879.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 15.5%; Score 232.5; DB 4; Length 792;
Best Local Similarity 33.3%; Pred. No. 1.1e-09;
RESULT 504
ID AAU32631 standard; protein; 858 AA.
DE Novel human secreted protein #3122.
PN WO200179449-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 15.4%; Score 231; DB 4; Length 858;
Best Local Similarity 34.7%; Pred. No. 1.6e-09;
RESULT 505
ID ADI60124 standard; protein; 1235 AA.
DE Secreted polypeptide #8.
PN WO2003025142-A2.
PD 27-MAR-2003.
PA (HYSE-) HYSEQ INC.
Query Match 15.3%; Score 230.5; DB 7; Length 1235;
Best Local Similarity 24.4%; Pred. No. 2.7e-09;
RESULT 506
ID AAU81062 standard; protein; 123 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #31.
PN WO200192474-A1.
PD 08-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 15.2%; Score 229; DB 5; Length 123;
Best Local Similarity 39.8%; Pred. No. 2.3e-10;
RESULT 507
ID ADQ39440 standard; protein; 4346 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1103.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 15.1%; Score 227; DB 8; Length 4346;
Best Local Similarity 30.8%; Pred. No. 2.2e-08;
RESULT 508
ID ADQ39439 standard; protein; 4347 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1102.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 15.1%; Score 227; DB 8; Length 4347;
Best Local Similarity 30.8%; Pred. No. 2.2e-08;
RESULT 509
ID ADJ69461 standard; protein; 4370 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID1267.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 15.1%; Score 227; DB 7; Length 4370;
Best Local Similarity 30.8%; Pred. No. 2.3e-08;
RESULT 510
ID AAE34390 standard; protein; 4391 AA.
DE Human perlecan protein.
PN WO200295415-A2.
PD 28-NOV-2002.
PA (OSTE-) OSTEOMETER BIO TECH AS.
Query Match 15.1%; Score 227; DB 6; Length 4391;
Best Local Similarity 30.8%; Pred. No. 2.3e-08;
RESULT 511

ID AAR47859 standard; protein; 322 AA.
DE Human LDL receptor Domains 1.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 15.1%; Score 226.5; DB 2; Length 322;
Best Local Similarity 31.0%; Pred. No. 1.1e-09;
RESULT 512
ID AAM23730 standard; protein; 729 AA.
DE Human EST encoded protein SEQ ID NO: 1255.
PN WO200154477-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 15.1%; Score 226.5; DB 4; Length 729;
Best Local Similarity 31.0%; Pred. No. 3e-09;
RESULT 513
ID ABU04132 standard; protein; 729 AA.
DE Human expressed protein tag (EPT) #798.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 729;
Best Local Similarity 31.0%; Pred. No. 3e-09;
RESULT 514
ID AAR47858 standard; protein; 750 AA.
DE Human LDL receptor Domains 1 and 2.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 15.1%; Score 226.5; DB 2; Length 750;
Best Local Similarity 31.0%; Pred. No. 3.1e-09;
RESULT 515
ID ABU04136 standard; protein; 750 AA.
DE Human expressed protein tag (EPT) #802.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 750;
Best Local Similarity 31.0%; Pred. No. 3.1e-09;
RESULT 516
ID ABU04128 standard; protein; 837 AA.
DE Human expressed protein tag (EPT) #794.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 837;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 517
ID ABU04143 standard; protein; 837 AA.
DE Human expressed protein tag (EPT) #809.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 837;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 518
ID ADD46365 standard; protein; 837 AA.
DE Human Protein AAF24515, SEQ ID NO 12043.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 15.1%; Score 226.5; DB 7; Length 837;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 519
ID ADEG3404 standard; protein; 837 AA.
DE Human Protein AAF24515, SEQ ID NO 9343.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 15.1%; Score 226.5; DB 7; Length 837;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 520
ID ADI27194 standard; protein; 837 AA.
DE Human LRP binding family protein #16.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 15.1%; Score 226.5; DB 8; Length 837;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 521
ID AAG64837 standard; protein; 839 AA.
DE Chronic hepatitis treatment related protein SEQ ID NO: 22.
PN WO200147545-A1.
PD 05-JUL-2001.
PA (SUMU) SUMITOMO PHARM CO LTD.
Query Match 15.1%; Score 226.5; DB 4; Length 839;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 522
ID AAB49601 standard; protein; 839 AA.
DE Human low density lipoprotein (LDL) receptor amino acid sequence.
PN JP2000279174-A.
PD 10-OCT-2000.
PA (BMLB-) BML KK.
Query Match 15.1%; Score 226.5; DB 4; Length 839;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 523
ID ABU04131 standard; protein; 839 AA.
DE Human expressed protein tag (EPT) #797.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 839;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 524
ID ABU04129 standard; protein; 839 AA.
DE Human expressed protein tag (EPT) #795.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 839;
Best Local Similarity 31.0%; Pred. No. 3.5e-09;
RESULT 525
ID AAR47157 standard; protein; 860 AA.
DE Sequence of human low density lipoprotein (LDL) receptor.
PN DE4222385-A1.
PD 13-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 15.1%; Score 226.5; DB 2; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 526
ID AAR47860 standard; protein; 860 AA.
DE Human LDL receptor.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 15.1%; Score 226.5; DB 2; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 527
ID AAB90761 standard; protein; 860 AA.
DE Human shear stress-response protein SEQ ID NO: 22.
PN WO200125427-A1.
PD 12-APR-2001.
PA (KYOW) KYOWA HAKKO KOGYO KK.
PA (NOJI/) NOJIMA H.
Query Match 15.1%; Score 226.5; DB 4; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 528
ID ABB90525 standard; protein; 860 AA.
DE Hominidae low density lipoprotein receptor protein SEQ ID NO:1.
PN WO200206467-A1.
PD 24-JAN-2002.
PA (BMLB-) BML INC.
Query Match 15.1%; Score 226.5; DB 5; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;

RESULT 529
ID AAU98980 standard; protein; 860 AA.
DE Human low density lipoprotein receptor.
PN WO200248388-A2.
PD 20-JUN-2002.
PA (AGNE/) AGNELLO V.
Query Match 15.1%; Score 226.5; DB 5; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 530
ID ABG74544 standard; protein; 860 AA.
DE Human LDLR protein.
PN US6465196-B1.
PD 15-OCT-2002.
PA (TEXA) UNIV TEXAS SYSTEM.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 531
ID ABU04130 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #796.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 532
ID ABU04340 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #1006.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 533
ID ABU04141 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #807.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 534
ID ABU04126 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #792.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 535
ID ABU04135 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #801.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 536
ID ABU04127 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #793.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 537
ID ABU04142 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #808.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 538
ID ABU04137 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #803.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 539
ID ADJ68638 standard; protein; 860 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID444.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
Query Match 15.1%; Score 226.5; DB 7; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 540
ID ADI28838 standard; protein; 860 AA.
DE Human modifier of p53 (MP53) LDLR.
PN WO2004004766-A1.
PD 15-JAN-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 15.1%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 541
ID ADK70505 standard; protein; 860 AA.
DE Respiratory disease differentially expressed protein #71.
PN WO2003101283-A2.
PD 11-DEC-2003.
PA (INCY-) INCYTE CORP.
Query Match 15.1%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 542
ID ADK70525 standard; protein; 860 AA.
DE Respiratory disease differentially expressed protein #91.
PN WO2003101283-A2.
PD 11-DEC-2003.
PA (INCY-) INCYTE CORP.
Query Match 15.1%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 543
ID ADN03814 standard; protein; 860 AA.
DE Antipeptidic protein sequence #103.
PN WO2004028479-A2.
PD 08-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 15.1%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 544
ID ADO55185 standard; protein; 860 AA.
DE Protein #87 with increased gene expression in renal cell carcinoma.
PN WO2004032842-A2.
PD 22-APR-2004.
PA (VAND-) VAN ANDEL INST.
Query Match 15.1%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 545
ID ADO19242 standard; protein; 860 AA.
DE Human PRO polypeptide #87.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 15.1%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 546
ID ADR28508 standard; protein; 860 AA.
DE Human low density lipoprotein (LDL) receptor protein sequence.
PN WO2004067740-A1.
PD 12-AUG-2004.
PA (EFAR-) EFARMES SA.
Query Match 15.1%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 3.6e-09;
RESULT 547

ID ABB11799 standard; peptide; 872 AA.
DE Human LDL receptor homologue, SEQ ID NO:2169.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 15.1%; Score 226.5; DB 4; Length 872;
Best Local Similarity 31.0%; Pred. No. 3.7e-09;
RESULT 548
ID ABU04140 standard; protein; 872 AA.
DE Human expressed protein tag (EPT) #806.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 872;
Best Local Similarity 31.0%; Pred. No. 3.7e-09;
RESULT 549
ID AAW07621 standard; protein; 1074 AA.
DE LDLR/TF chimeric protein.
PN WO9639510-A1.
PD 12-DEC-1996.
PA (TRAN-) TRANSKARYOTIC THERAPIES INC.
Query Match 15.1%; Score 226.5; DB 2; Length 1074;
Best Local Similarity 31.0%; Pred. No. 4.7e-09;
RESULT 550
ID AAW07622 standard; protein; 1410 AA.
DE LDLR/TF chimeric protein.
PN WO9639510-A1.
PD 12-DEC-1996.
PA (TRAN-) TRANSKARYOTIC THERAPIES INC.
Query Match 15.1%; Score 226.5; DB 2; Length 1410;
Best Local Similarity 31.0%; Pred. No. 6.5e-09;
RESULT 551
ID ABU04139 standard; protein; 1410 AA.
DE Human expressed protein tag (EPT) #805.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 1410;
Best Local Similarity 31.0%; Pred. No. 6.5e-09;
RESULT 552
ID AAU32831 standard; protein; 1418 AA.
DE Novel human secreted protein #3322.
PN WO200179449-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 15.1%; Score 226.5; DB 4; Length 1418;
Best Local Similarity 31.0%; Pred. No. 6.6e-09;
RESULT 553
ID ABU04138 standard; protein; 1418 AA.
DE Human expressed protein tag (EPT) #804.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 15.1%; Score 226.5; DB 6; Length 1418;
Best Local Similarity 31.0%; Pred. No. 6.6e-09;
RESULT 554
ID AAR48547 standard; protein; 356 AA.
DE Sequence of human low density lipoprotein (LDL) receptor.
PN EP586094-A1.
PD 09-MAR-1994.
PA (WISC) WISCONSIN ALUMNI RES FOUND.
Query Match 15.0%; Score 225.5; DB 2; Length 356;
Best Local Similarity 31.0%; Pred. No. 1.5e-09;
RESULT 555
ID ADP21809 standard; protein; 96 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #9.
PN WO200404011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 15.0%; Score 225; DB 8; Length 96;
Best Local Similarity 37.7%; Pred. No. 3.6e-10;
RESULT 556
ID AAM37249 standard; protein; 120 AA.

DE Peptide #11286 encoded by probe for measuring placental gene expression.
PN WO200157272-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 15.0%; Score 225; DB 4; Length 120;
Best Local Similarity 40.0%; Pred. No. 4.7e-10;
RESULT 557
ID AAW83310 standard; protein; 1451 AA.
DE LRP5 protein from isoform 2 (also isoform 4,5,6).
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 14.9%; Score 224.5; DB 2; Length 1451;
Best Local Similarity 29.8%; Pred. No. 9.7e-09;
RESULT 558
ID AAW83308 standard; protein; 1591 AA.
DE Mature LRP5 protein.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 14.9%; Score 224.5; DB 2; Length 1591;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 559
ID ADI27180 standard; protein; 1611 AA.
DE Human LRP binding family protein #11.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 14.9%; Score 224.5; DB 8; Length 1611;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 560
ID AAW83309 standard; protein; 1615 AA.
DE LRP5 protein from the longest open reading frame.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 14.9%; Score 224.5; DB 2; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 561
ID AAE21740 standard; protein; 1615 AA.
DE Human BSMR protein mutant, R494Q.
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
PA (UYCA-) UNIV CASE WESTERN RESERVE.
Query Match 14.9%; Score 224.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 562
ID AAE21730 standard; protein; 1615 AA.
DE Human bone strength and mineralisation regulatory protein (BSMR).
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
PA (UYCA-) UNIV CASE WESTERN RESERVE.
Query Match 14.9%; Score 224.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 563
ID ABR41131 standard; protein; 1615 AA.
DE Human LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 224.5; DB 6; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 564
ID ADB98798 standard; protein; 1615 AA.
DE Human Zmax1 (LRP5).

PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 224.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 565
ID AD127181 standard; protein; 1615 AA.
DE Human LRP binding family protein #12.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 14.9%; Score 224.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 566
ID ABO84659 standard; protein; 1615 AA.
DE Human cancer-associated protein HP20-001.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 14.9%; Score 224.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 567
ID ADR73482 standard; protein; 1615 AA.
DE Human low density lipoprotein receptor-related protein 5, LRP5, protein.
PN WO2004076682-A2.
PD 10-SEP-2004.
PA (SURRE-) SURROMED INC.
Query Match 14.9%; Score 224.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 568
ID ABM85665 standard; protein; 1627 AA.
DE Human protein sequence hCP1690976.
PN WO2003073826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
Query Match 14.9%; Score 224.5; DB 7; Length 1627;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 569
ID ABO84660 standard; protein; 1627 AA.
DE Human cancer-associated protein HP20-001.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 14.9%; Score 224.5; DB 8; Length 1627;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 570
ID AA83311 standard; protein; 1639 AA.
DE LRP5 isoform 3 protein.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 14.9%; Score 224.5; DB 2; Length 1639;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 571
ID ABR41133 standard; protein; 1665 AA.
DE Human LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 224.5; DB 6; Length 1665;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;
RESULT 572
ID ABE98800 standard; protein; 1665 AA.
DE Human Zmax1(LRP5).
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 224.5; DB 7; Length 1665;
Best Local Similarity 29.8%; Pred. No. 1.1e-08;

RESULT 573
ID AAB31889 standard; protein; 4393 AA.
DE Amino acid sequence of a human protein.
PN WO200105422-A2.
PD 25-JAN-2001.
PA (INMR) BIOMERIEUX STELHYS.
Query Match 14.9%; Score 224.5; DB 4; Length 4393;
Best Local Similarity 30.7%; Pred. No. 3.6e-08;
RESULT 574
ID ADL35758 standard; protein; 4393 AA.
DE Human perlecan (heparan sulphate proteoglycan 2; HSPG2) protein.
PN WO2004019893-A2.
PD 11-MAR-2004.
PA (RIGE-) RIGSEL PHARM INC.
Query Match 14.9%; Score 224.5; DB 8; Length 4393;
Best Local Similarity 30.7%; Pred. No. 3.6e-08;
RESULT 575
ID ADQ39442 standard; protein; 4393 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1105.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 14.9%; Score 224.5; DB 8; Length 4393;
Best Local Similarity 30.7%; Pred. No. 3.6e-08;
RESULT 576
ID ABG23265 standard; protein; 4436 AA.
DE Novel human diagnostic protein #23256.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 14.9%; Score 224.5; DB 4; Length 4436;
Best Local Similarity 30.7%; Pred. No. 3.6e-08;
RESULT 577
ID ABB63614 standard; protein; 4072 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 17634.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 14.9%; Score 224; DB 4; Length 4072;
Best Local Similarity 25.4%; Pred. No. 3.6e-08;
RESULT 578
ID ABG21064 standard; protein; 9222 AA.
DE Novel human diagnostic protein #21055.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 14.9%; Score 224; DB 4; Length 9222;
Best Local Similarity 24.8%; Pred. No. 9.4e-08;
RESULT 579
ID AAG68169 standard; protein; 1615 AA.
DE Human Zmax1 protein SEQ ID NO:3.
PN WO200177327-A1.
PD 18-OCT-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 14.9%; Score 223.5; DB 4; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 580
ID AAG68170 standard; protein; 1615 AA.
DE Human HBM protein SEQ ID NO:4.
PN WO200177327-A1.
PD 18-OCT-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 14.9%; Score 223.5; DB 4; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 581
ID AAE21741 standard; protein; 1615 AA.
DE Human BSMR protein mutant, A1330L.
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
PA (UYCA-) UNIV CASE WESTERN RESERVE.
Query Match 14.9%; Score 223.5; DB 5; Length 1615;

Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 582
ID AAU08079 standard; protein; 1615 AA.
DE Human Zmax1 polypeptide.
PN WO200192891-A2.
PD 06-DEC-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON SCHOOL MEDICINE.
Query Match 14.9%; Score 223.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 583
ID AAU08080 standard; protein; 1615 AA.
DE Human high bone mass (HBM) polypeptide.
PN WO200192891-A2.
PD 06-DEC-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON SCHOOL MEDICINE.
Query Match 14.9%; Score 223.5; DB 5; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 584
ID ABR41093 standard; protein; 1615 AA.
DE Human wild-type LRP5.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 223.5; DB 6; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 585
ID ABR41094 standard; protein; 1615 AA.
DE Human LRP5 allelic variant HBM.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 223.5; DB 6; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 586
ID ADB98058 standard; protein; 1615 AA.
DE Human LRP5.
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 223.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 587
ID ADB98059 standard; protein; 1615 AA.
DE LRP5 mutein.
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 223.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 588
ID ADE82428 standard; protein; 1615 AA.
DE Human HBM gene.
PN WO200292015-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 223.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 589
ID ADE82427 standard; protein; 1615 AA.
DE Human Zmax1 gene.
PN WO200292015-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 14.9%; Score 223.5; DB 7; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 590
ID ADQ20524 standard; protein; 1615 AA.
DE Human soft tissue sarcoma-upregulated protein - SEQ ID 3344.
PN WO2004048938-A2.
PD 10-JUN-2004.
PA (PROT-) PROTEIN DESIGN LABS INC.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 591
ID ADRI17561 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #2.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 592
ID ADRI16921 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #1.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 593
ID ADRI17560 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #2.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 594
ID ADRI6922 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #1.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 595
ID ADRA7572 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #1.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 596
ID ADRA8212 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #2.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 597
ID ADRA7573 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #1.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 598
ID ADRA8211 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #2.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.

PA (UYCR-) UNIV CREIGHTON.
Query Match 14.9%; Score 223.5; DB 8; Length 1615;
Best Local Similarity 29.8%; Pred. No. 1.3e-08;
RESULT 599
ID ADH73023 standard; protein; 1136 AA.
DE Human MEGF7-related protein sequence SeqID2.
PN GB2381790-A.
PD 14-MAY-2003.
PA (GLAX) GLAXO GROUP LTD.
Best Local Similarity 30.2%; Pred. No. 9.6e-09;
Length 1136;
Query Match 14.8%; Score 223; DB 7; Length 1136;
Best Local Similarity 30.2%; Pred. No. 9.6e-09;
RESULT 600
ID AAE30206 standard; protein; 1630 AA.
DE Human LP288 mature protein variant #1.
PN WO200274906-A2.
PD 26-SEP-2002.
PA (ELIL) LILLY & CO ELI.
Query Match 14.7%; Score 221.5; DB 6; Length 1630;
Best Local Similarity 40.8%; Pred. No. 1.9e-08;
RESULT 601
ID AAE29923 standard; protein; 1905 AA.
DE Human LP288 protein.
PN WO200274906-A2.
PD 26-SEP-2002.
PA (ELIL) LILLY & CO ELI.
Query Match 14.7%; Score 221.5; DB 6; Length 1905;
Best Local Similarity 40.6%; Pred. No. 2.3e-08;
RESULT 602
ID ADH73026 standard; protein; 1905 AA.
DE Human MEGF7 protein amino acid sequence.
PN GB2381790-A.
PD 14-MAY-2003.
PA (GLAX) GLAXO GROUP LTD.
Query Match 14.7%; Score 221.5; DB 7; Length 1905;
Best Local Similarity 40.6%; Pred. No. 2.3e-08;
RESULT 603
ID ADD93399 standard; protein; 1906 AA.
DE Human lipid-associated molecule LIPAM-6 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 14.7%; Score 221.5; DB 7; Length 1906;
Best Local Similarity 40.8%; Pred. No. 2.3e-08;
RESULT 604
ID AAU81041 standard; protein; 231 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #10.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 14.6%; Score 219.5; DB 5; Length 231;
Best Local Similarity 36.4%; Pred. No. 2.8e-09;
RESULT 605
ID AAR97207 standard; protein; 944 AA.
DE Human calcium sensor protein (pCAS-2 product).
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 14.6%; Score 219.5; DB 2; Length 944;
Best Local Similarity 33.8%; Pred. No. 1.5e-08;
RESULT 606
ID AAW43310 standard; protein; 944 AA.
DE Human placenta calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 14.8%; Score 219.5; DB 2; Length 944;
Best Local Similarity 33.8%; Pred. No. 1.5e-08;
RESULT 607
ID ABU61392 standard; peptide; 36 AA.
DE Human A domain from cDNA AAH07083 #2.
PN WO200288171-A2.
PD 07-NOV-2002.
PA (MAXY-) MAXYGEN INC.

Query Match 14.5%; Score 218; DB 6; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.1e-10;
RESULT 608
ID ADP21614 standard; peptide; 36 AA.
DE Low density lipoprotein (LDL) receptor A domain peptide SeqID 190.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 14.5%; Score 218; DB 8; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.1e-10;
RESULT 609
ID ADC96831 standard; protein; 348 AA.
DE Human GPCR protein SEQ ID NO:1284.
PN EP1270724-A2.
PD 02-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO.
Query Match 14.5%; Score 217.5; DB 7; Length 348;
Best Local Similarity 29.9%; Pred. No. 6.5e-09;
RESULT 610
ID AAE26419 standard; protein; 1553 AA.
DE Human transmembrane protein (TMP)-5 protein.
PN WO200234783-A2.
PD 02-MAY-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 14.5%; Score 217.5; DB 5; Length 1553;
Best Local Similarity 28.5%; Pred. No. 3.8e-08;
RESULT 611
ID ADH48776 standard; protein; 1852 AA.
DE NOV25 protein sequence, SEQ ID 60.
PN WO200268652-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 14.5%; Score 217.5; DB 5; Length 1852;
Best Local Similarity 38.2%; Pred. No. 4.7e-08;
RESULT 612
ID ABU61391 standard; peptide; 36 AA.
DE Human A domain from cDNA AAH07083 #1.
PN WO200288171-A2.
PD 07-NOV-2002.
PA (MAXY-) MAXYGEN INC.
Query Match 14.4%; Score 217; DB 6; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.9e-10;
RESULT 613
ID ADP21613 standard; peptide; 36 AA.
DE Low density lipoprotein (LDL) receptor A domain peptide SeqID 189.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 14.4%; Score 217; DB 8; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.9e-10;
RESULT 614
ID AAU81045 standard; protein; 166 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #14.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 14.4%; Score 216; DB 5; Length 166;
Best Local Similarity 37.2%; Pred. No. 3.6e-09;
RESULT 615
ID AAU81039 standard; protein; 208 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #8.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 14.4%; Score 216; DB 5; Length 208;
Best Local Similarity 37.2%; Pred. No. 4.7e-09;
RESULT 616
ID AAY44427 standard; protein; 1113 AA.
DE Mouse Serine protease, Corin.
PN WO9964608-A1.
PD 16-DEC-1999.
PA (SCHD) SCHERING AG.

Query Match 14.4%; Score 216; DB 3; Length 1113;
 Best Local Similarity 33.3%; Pred. No. 3.4e-08;
 RESULT 617
 ID ADI27177 standard; protein; 1113 AA.
 DE Mouse LRP binding family protein #17.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 14.4%; Score 216; DB 8; Length 1113;
 Best Local Similarity 33.3%; Pred. No. 3.4e-08;
 RESULT 618
 ID ADR29372 standard; protein; 1113 AA.
 DE Murine Lrp4 dopaminergic neuronal marker SEQ ID NO:3.
 PN WO2004065599-A1.
 PD 05-AUG-2004.
 PA (EISA) EISAI CO LTD.
 Query Match 14.4%; Score 216; DB 8; Length 1113;
 Best Local Similarity 33.3%; Pred. No. 3.4e-08;
 RESULT 619
 ID AAU81058 standard; protein; 89 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #27.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 14.3%; Score 215.5; DB 5; Length 89;
 Best Local Similarity 40.0%; Pred. No. 1.9e-09;
 RESULT 620
 ID ADC99860 standard; protein; 862 AA.
 DE Murine LDLr protein.
 PN WO2003036264-A2.
 PD 01-MAY-2003.
 PA (IMV) IMMUNEX CORP.
 Query Match 14.3%; Score 215.5; DB 7; Length 862;
 Best Local Similarity 38.5%; Pred. No. 2.7e-08;
 RESULT 621
 ID ADI27189 standard; protein; 862 AA.
 DE Mouse LRP binding family protein #23.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 14.3%; Score 215.5; DB 8; Length 862;
 Best Local Similarity 38.5%; Pred. No. 2.7e-08;
 RESULT 622
 ID ADI27190 standard; protein; 862 AA.
 DE Mouse LRP binding family protein #24.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 14.3%; Score 215.5; DB 8; Length 862;
 Best Local Similarity 38.5%; Pred. No. 2.7e-08;
 RESULT 623
 ID ABB64069 standard; protein; 2009 AA.
 DE Drosophila melanogaster polypeptide SEQ ID NO 18999.
 PN WO200171042-A2.
 PD 27-SEP-2001.
 PA (PEKE) PE CORP NY.
 Query Match 14.3%; Score 215; DB 4; Length 2009;
 Best Local Similarity 37.2%; Pred. No. 8.1e-08;
 RESULT 624
 ID ADI27191 standard; protein; 864 AA.
 DE Mouse LRP binding family protein #25.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 14.3%; Score 214.5; DB 8; Length 864;
 Best Local Similarity 35.3%; Pred. No. 3.3e-08;
 RESULT 625
 ID AAW76041 standard; protein; 1661 AA.
 DE Hydra head activator binding protein.
 PN DE19808258-A1.
 PD 03-SEP-1998.
 PA (EVOT-) EVOTEC BIOSYSTEMS GMBH.
 Query Match 14.3%; Score 214.5; DB 2; Length 1661;
 Best Local Similarity 36.4%; Pred. No. 7.1e-08;
 RESULT 626
 ID AAM93222 standard; protein; 448 AA.
 DE Human polypeptide, SEQ ID NO: 2633.
 PN EP1130094-A2.
 PD 05-SEP-2001.
 PA (HELI-) HELIX RES INST.
 Query Match 14.2%; Score 214; DB 4; Length 448;
 Best Local Similarity 28.6%; Pred. No. 1.7e-08;
 RESULT 627
 ID ADL30600 standard; protein; 448 AA.
 DE Human protein encoded by a full length cDNA clone SeqID 2633.
 PN EP1396543-A2.
 PD 10-MAR-2004.
 PA (REAS-) RES ASSOC BIOTECHNOLOGY.
 Query Match 14.2%; Score 214; DB 8; Length 448;
 Best Local Similarity 28.6%; Pred. No. 1.7e-08;
 RESULT 628
 ID AAM93820 standard; protein; 836 AA.
 DE Human polypeptide, SEQ ID NO: 3875.
 PN EP1130094-A2.
 PD 05-SEP-2001.
 PA (HELI-) HELIX RES INST.
 Query Match 14.2%; Score 214; DB 4; Length 836;
 Best Local Similarity 28.6%; Pred. No. 3.5e-08;
 RESULT 629
 ID ADL1842 standard; protein; 836 AA.
 DE Human protein encoded by a full length cDNA clone SeqID 3875.
 PN EP1396543-A2.
 PD 10-MAR-2004.
 PA (REAS-) RES ASSOC BIOTECHNOLOGY.
 Query Match 14.2%; Score 214; DB 8; Length 836;
 Best Local Similarity 28.6%; Pred. No. 3.5e-08;
 RESULT 630
 ID ADM90833 standard; protein; 1609 AA.
 DE Human pharmaceutically useful protein SeqID 226.
 PN WO2004020595-A2.
 PD 11-MAR-2004.
 PA (FIVE-) FIVE PRIME THERAPEUTICS INC.
 PA (RIKE-) RIKEN INST PHYSICAL & CHEM RES.
 PA (DNAF-) DNAFORM KK.
 Query Match 14.2%; Score 214; DB 8; Length 1609;
 Best Local Similarity 28.6%; Pred. No. 7.5e-08;
 RESULT 631
 ID ABR41134 standard; protein; 1613 AA.
 DE Human LRP6 protein.
 PN WO200292764-A2.
 PD 21-NOV-2002.
 PA (GENO-) GENOME THERAPEUTICS CORP.
 PA (AMHP) WYETH.
 Query Match 14.2%; Score 214; DB 6; Length 1613;
 Best Local Similarity 28.6%; Pred. No. 7.5e-08;
 RESULT 632
 ID ADB98801 standard; protein; 1613 AA.
 DE Human LRP6.
 PN WO200292000-A2.
 PD 21-NOV-2002.
 PA (GENO-) GENOME THERAPEUTICS CORP.
 PA (AMHP) WYETH.
 Query Match 14.2%; Score 214; DB 7; Length 1613;
 Best Local Similarity 28.6%; Pred. No. 7.5e-08;
 RESULT 633
 ID ADI27192 standard; protein; 1613 AA.
 DE Mouse LRP binding family protein #19.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 14.2%; Score 214; DB 8; Length 1613;
 Best Local Similarity 27.4%; Pred. No. 7.5e-08;
 RESULT 634
 ID ADI27183 standard; protein; 1613 AA.
 DE Human LRP binding family protein #13.
 PN WO2003106657-A2.

PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 14.2%; Score 214; DB 8; Length 1613;
 Best Local Similarity 28.6%; Pred. No. 7.5e-08;
 RESULT 635
 ID RAU81050 standard; protein; 126 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #19.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 14.2%; Score 213; DB 5; Length 126;
 Best Local Similarity 37.3%; Pred. No. 4.5e-09;
 RESULT 636
 ID AAY22599 standard; peptide; 322 AA.
 DE LDL receptor fragment.
 PN WO9338524-A2.
 PD 05-AUG-1999.
 PA (PREN/) PRENDERGAST P T.
 Query Match 14.2%; Score 213; DB 2; Length 322;
 Best Local Similarity 32.9%; Pred. No. 1.4e-08;
 RESULT 637
 ID ABU11822 standard; protein; 420 AA.
 DE Human MDR1 polypeptide SEQ ID 769.
 PN WO200279449-A2.
 PD 10-OCT-2002.
 PA (INCY-) INCYTE GENOMICS INC.
 Query Match 13.9%; Score 209.5; DB 6; Length 420;
 Best Local Similarity 34.0%; Pred. No. 3.5e-08;
 RESULT 638
 ID AAE26420 standard; protein; 1718 AA.
 DE Human transmembrane protein (TMP)-6 protein.
 PN WO200234783-A2.
 PD 02-MAY-2002.
 PA (INCY-) INCYTE GENOMICS INC.
 Query Match 13.9%; Score 209.5; DB 5; Length 1718;
 Best Local Similarity 34.8%; Pred. No. 1.8e-07;
 RESULT 639
 ID ABB64889 standard; protein; 2616 AA.
 DE Drosophila melanogaster polypeptide SEQ ID NO 21459.
 PN WO200171042-A2.
 PD 27-SEP-2001.
 PA (PEKE) PE CORP NY.
 Query Match 13.8%; Score 208; DB 4; Length 2616;
 Best Local Similarity 36.6%; Pred. No. 4e-07;
 RESULT 640
 ID ADP21770 standard; protein; 85 AA.
 DE Human CD28 specific LDL receptor A domain protein monomer A5.
 PN WO2004044011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 13.8%; Score 207.5; DB 8; Length 85;
 Best Local Similarity 36.1%; Pred. No. 7.7e-09;
 RESULT 641
 ID ADD46363 standard; protein; 879 AA.
 DE Rat Protein P35952, SEQ ID NO 12041.
 PN WO2003016475-A2.
 PD 27-FEB-2003.
 PA (GEHO) GEN HOSPITAL CORP.
 PA (FARB) BAYER AG.
 Query Match 13.8%; Score 207.5; DB 7; Length 879;
 Best Local Similarity 36.3%; Pred. No. 1.2e-07;
 RESULT 642
 ID ADE63402 standard; protein; 879 AA.
 DE Rat Protein P35952, SEQ ID NO 9341.
 PN WO2003016475-A2.
 PD 27-FEB-2003.
 PA (GEHO) GEN HOSPITAL CORP.
 PA (FARB) BAYER AG.
 Query Match 13.8%; Score 207.5; DB 7; Length 879;
 Best Local Similarity 36.3%; Pred. No. 1.2e-07;
 RESULT 643
 ID ADP21807 standard; protein; 97 AA.
 DE Human IL6 specific LDL receptor A domain protein monomer #4.

PN WO2004044011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 13.8%; Score 207; DB 8; Length 97;
 Best Local Similarity 34.4%; Pred. No. 9.8e-09;
 RESULT 644
 ID ABR43310 standard; protein; 527 AA.
 DE Human lipid-associated molecule LIPAM-15 protein SEQ ID NO:15.
 PN WO2003025150-A2.
 PD 27-MAR-2003.
 PA (INCY-) INCYTE GENOMICS INC.
 Query Match 13.7%; Score 206.5; DB 6; Length 527;
 Best Local Similarity 32.0%; Pred. No. 7.9e-08;
 RESULT 645
 ID ADM47265 standard; protein; 404 AA.
 DE LDL receptor domain containing protein NOVX 21a protein.
 PN WO2003083039-A2.
 PD 09-OCT-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match 13.6%; Score 205; DB 7; Length 404;
 Best Local Similarity 34.0%; Pred. No. 7.6e-08;
 RESULT 646
 ID ADP21773 standard; protein; 83 AA.
 DE Human CD28 specific LDL receptor A domain protein monomer A19.
 PN WO2004044011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 13.5%; Score 203.5; DB 8; Length 83;
 Best Local Similarity 34.5%; Pred. No. 1.6e-08;
 RESULT 647
 ID ADN11591 standard; protein; 986 AA.
 DE Human CD91 protein fragment SEQ ID NO: 12.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 13.5%; Score 203; DB 8; Length 986;
 Best Local Similarity 33.1%; Pred. No. 3.2e-07;
 RESULT 648
 ID ADH71744 standard; protein; 336 AA.
 DE Human protein of the invention NOV28b SEQ ID NO:640.
 PN WO2003102155-A2.
 PD 11-DEC-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match 13.5%; Score 202.5; DB 8; Length 336;
 Best Local Similarity 26.3%; Pred. No. 9.7e-08;
 RESULT 649
 ID ADN23115 standard; protein; 548 AA.
 DE Bacterial polypeptide #5768.
 PN US2003233675-A1.
 PD 18-DEC-2003.
 PA (CAOX/) CAO Y.
 PA (HINK/) HINKLE G J.
 PA (SLAT/) SLATER S C.
 PA (CHEN/) CHEN X.
 PA (GOLD/) GOLDMAN B S.
 Query Match 13.5%; Score 202.5; DB 8; Length 548;
 Best Local Similarity 34.3%; Pred. No. 1.7e-07;
 RESULT 650
 ID ADG31207 standard; protein; 572 AA.
 DE Novel mouse protein #8.
 PN WO2003089644-A1.
 PD 30-OCT-2003.
 PA (RIKE) RIKEN KK.
 PA (DNAF-) DNAFORM KK.
 PA (MITU) MITSUBISHI CHEM CORP.
 Query Match 13.5%; Score 202.5; DB 8; Length 572;
 Best Local Similarity 40.2%; Pred. No. 1.8e-07;
 RESULT 651
 ID AAR07713 standard; protein; 800 AA.
 DE Human low density lipoprotein receptor.
 PN US4966837-A.
 PD 30-OCT-1990.

PA (TEXA) UNIV OF TEXAS SVSTE.
Query Match 13.4%; Score 201.5; DB 2; Length 800;
Best Local Similarity 25.4%; Pred. No. 3.2e-07;
RESULT 652
ID ABU04134 standard; protein; 800 AA.
DE Human expressed protein tag (EPT) #800.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 13.4%; Score 201.5; DB 6; Length 800;
Best Local Similarity 25.4%; Pred. No. 3.2e-07;
RESULT 653
ID AAR05532 standard; protein; 159 AA.
DE Fragment of Heymann nephritis antigen, gp330.
PN EP358977-A.
PD 21-MAR-1990.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 13.4%; Score 201; DB 2; Length 159;
Best Local Similarity 39.2%; Pred. No. 5.3e-08;
RESULT 654
ID AAU81038 standard; protein; 161 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #7.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 13.4%; Score 201; DB 5; Length 161;
Best Local Similarity 30.9%; Pred. No. 5.4e-08;
RESULT 655
ID AAY44426 standard; protein; 1042 AA.
DE Human serine protease, Corin.
PN WO9964608-A1.
PD 16-DEC-1999.
PA (SCHD) SCHERING AG.
Query Match 13.4%; Score 201; DB 3; Length 1042;
Best Local Similarity 40.3%; Pred. No. 4.9e-07;
RESULT 656
ID AAE06939 standard; protein; 1042 AA.
DE Human corin protein.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 13.4%; Score 201; DB 4; Length 1042;
Best Local Similarity 40.3%; Pred. No. 4.9e-07;
RESULT 657
ID ADI10398 standard; protein; 1042 AA.
DE Human cell surface protease #15.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.4%; Score 201; DB 7; Length 1042;
Best Local Similarity 40.3%; Pred. No. 4.9e-07;
RESULT 658
ID ADJ46922 standard; protein; 1042 AA.
DE Human transmembrane serine protease (MTSP)-related polypeptide #5.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 13.4%; Score 201; DB 8; Length 1042;
Best Local Similarity 40.3%; Pred. No. 4.9e-07;
RESULT 659
ID ADR29373 standard; protein; 1042 AA.
DE Human corin dopaminergic neuronal marker SEQ ID NO:4.
PN WO2004065599-A1.
PD 05-AUG-2004.
PA (EISA) EISAI CO LTD.
Query Match 13.4%; Score 201; DB 8; Length 1042;
Best Local Similarity 40.3%; Pred. No. 4.9e-07;
RESULT 660
ID ABB11975 standard; peptide; 1076 AA.
DE Human corin homologue, SEQ ID NO:2345.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.

Query Match 13.4%; Score 201; DB 4; Length 1076;
Best Local Similarity 40.3%; Pred. No. 5e-07;
RESULT 661
ID ADP21772 standard; protein; 80 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A17.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 13.2%; Score 199; DB 8; Length 80;
Best Local Similarity 35.1%; Pred. No. 3.4e-08;
RESULT 662
ID ADP21810 standard; protein; 86 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #8.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 13.2%; Score 198; DB 8; Length 86;
Best Local Similarity 36.8%; Pred. No. 4.4e-08;
RESULT 663
ID AAU81037 standard; protein; 122 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #6.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 13.1%; Score 197.5; DB 5; Length 122;
Best Local Similarity 36.1%; Pred. No. 7.3e-08;
RESULT 664
ID AAU81040 standard; protein; 150 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #9.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 13.1%; Score 197.5; DB 5; Length 150;
Best Local Similarity 36.1%; Pred. No. 9.4e-08;
RESULT 665
ID ABP51279 standard; protein; 354 AA.
DE Human MDDT SEQ ID NO 301.
PN WO200240715-A2.
PD 23-MAY-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 13.1%; Score 197; DB 5; Length 354;
Best Local Similarity 27.6%; Pred. No. 2.8e-07;
RESULT 666
ID ADP21766 standard; protein; 81 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A1.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 13.1%; Score 196.5; DB 8; Length 81;
Best Local Similarity 35.1%; Pred. No. 5.4e-08;
RESULT 667
ID AAU18663 standard; protein; 72 AA.
DE Renal and cardiovascular-associated protein, Seq ID 102.
PN WO200155328-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 13.0%; Score 196; DB 4; Length 72;
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
RESULT 668
ID AAU20442 standard; protein; 72 AA.
DE Human secreted protein, Seq ID No 434.
PN WO200155326-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 13.0%; Score 196; DB 4; Length 72;
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
RESULT 669
ID AAM65771 standard; protein; 72 AA.
DE Human immune/haematopoietic antigen SEQ ID NO:13364.
PN WO200157182-A2.
PD 09-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 13.0%; Score 196; DB 4; Length 72;

Best Local Similarity 100.0%; Pred. No. 5.2e-08;
RESULT 670
ID ABU97278 standard; protein; 72 AA.
DE Human polypeptide #20.
PN US2003013649-A1.
PD 16-JAN-2003
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match
Best Local Similarity 13.0%; Score 196; DB 6; Length 72;
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
RESULT 671
ID ADP21808 standard; protein; 90 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #7.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match
Best Local Similarity 13.0%; Score 196; DB 8; Length 90;
Best Local Similarity 36.8%; Pred. No. 6.8e-08;
RESULT 672
ID ABO58310 standard; protein; 338 AA.
DE Human genome derived single exon protein #4544.
PN US2003194704-A1.
PD 16-OCT-2003.
PA (PENN/) PENN S G.
PA (RANK/) RANK D R.
PA (HANZ/) HANZEL D K.
Query Match
Best Local Similarity 12.9%; Score 194; DB 8; Length 338;
Best Local Similarity 34.2%; Pred. No. 4.6e-07;
RESULT 673
ID AAB59032 standard; protein; 485 AA.
DE Breast and ovarian cancer associated antigen protein sequence SEQ ID 740.
PN WO200055173-A1.
PD 21-SEP-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 3; Length 485;
Best Local Similarity 34.2%; Pred. No. 7.1e-07;
RESULT 674
ID RAY15228 standard; protein; 591 AA.
DE Human receptor protein (HURP) 7 amino acid sequence.
PN WO941375-A2.
PD 19-AUG-1999.
PA (INCY-) INCYTE PHARM INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 2; Length 591;
Best Local Similarity 34.2%; Pred. No. 9e-07;
RESULT 675
ID RAY41712 standard; protein; 713 AA.
DE Human PRO724 protein sequence.
PN WO946281-A2.
PD 16-SEP-1999.
PA (GETH-) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 2; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 676
ID AAY71081 standard; protein; 713 AA.
DE Human TANGO 136 protein.
PN WO200026227-A1.
PD 11-MAY-2000.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 3; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 677
ID AAB44268 standard; protein; 713 AA.
DE Human PRO724 (UNQ389) protein sequence SEQ ID NO:183.
PN WO200053756-A2.
PD 14-SEP-2000.
PA (GETH-) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 3; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 678
ID AAU29231 standard; protein; 713 AA.
DE Human PRO polypeptide sequence #208.
PN WO200168948-A2.

PD 20-SEP-2001.
PA (GETH-) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 4; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 679
ID ABB90346 standard; protein; 713 AA.
DE Human polypeptide SEQ ID NO 2722.
PN WO200190304-A2.
PD 29-NOV-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 5; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 680
ID ABB84856 standard; protein; 713 AA.
DE Human PRO724 protein sequence SEQ ID NO:80.
PN WO200200690-A2.
PD 03-JAN-2002.
PA (GETH-) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 5; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 681
ID ABB05751 standard; protein; 713 AA.
DE Human G protein-coupled receptor NOV2 protein SEQ ID NO:6.
PN WO200200691-A2.
PD 03-JAN-2002.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 12.9%; Score 194; DB 5; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 682
ID ABB95462 standard; protein; 713 AA.
DE Human angiogenesis related protein PRO724 SEQ ID NO: 80.
PN WO200208284-A2.
PD 31-JAN-2002.
PA (GETH-) GENENTECH INC.
PA (BAKE/) BAKER K P.
PA (FERR/) FERRARA N.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODO/) GODDARD A.
PA (GODD/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (MARS/) MARSTERS S A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (STEP/) STEPHAN J F.
PA (WATA/) WATANABE C K.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match
Best Local Similarity 12.9%; Score 194; DB 5; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 683
ID ABUS8607 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003027272-A1.
PD 06-FEB-2003.
Query Match
Best Local Similarity 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 684
ID ABU86155 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032127-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 685
ID ABU84470 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032112-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 686

PN US2003036146-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 707
ID ABO11641 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036162-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 708
ID ABO0641 standard; protein; 713 AA.
DE Human PRO protein #208.
PN US2003036137-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 709
ID ABR9559 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040063-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 710
ID ABR9849 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040064-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 711
ID ABO1642 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027267-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 712
ID ABR9372 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036160-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 713
ID ABO15013 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044925-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 714
ID ABR78434 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054474-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 715
ID ABR5170 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032114-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 716
ID ABO00309 standard; protein; 713 AA.

DE Novel human secreted and transmembrane protein PRO724.
PN US2003032101-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 717
ID ABO11641 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036124-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 718
ID ABO0286 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040054-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 719
ID ADA40891 standard; protein; 713 AA.
DE Human secreted protein.
PN WO2002102993-A2.
PD 27-DEC-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 720
ID ABU8860 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036133-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 721
ID ABU8355 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036134-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 722
ID ABO06356 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022294-A1.
PD 30-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 723
ID ABR59392 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027275-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 724
ID ABO09454 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027324-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 725
ID ABO19318 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036118-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 726
ID ABO11336 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.

PN US2003036123-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 727
ID ABR66954 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036148-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 728
ID ABO16167 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040060-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 729
ID ABO13873 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044916-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 730
ID ABU84900 standard; protein; 713 AA.
DE Human secreted and transmembrane polypeptide PRO724.
PN US2002177553-A1.
PD 28-NOV-2002.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 731
ID ABU65776 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, SEQ ID 416.
PN US2003036156-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 732
ID ABO07624 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032117-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 733
ID ABO03811 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036128-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 734
ID ABR67259 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027286-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 735
ID ABO15862 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054483-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 736
ID ABUS6143 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003022298-A1.

PD 30-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 737
ID ABUG1098 standard; protein; 713 AA.
DE Human PRO724 polypeptide.
PN US2002169284-A1.
PD 14-NOV-2002.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 738
ID ABU65471 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032102-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 739
ID ABU95416 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036117-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 740
ID ABU71319 standard; protein; 713 AA.
DE Human PRO724 protein.
PN US2003036143-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 741
ID ABO07929 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032130-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 742
ID ABR70170 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032138-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 743
ID ABR69503 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036132-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 744
ID ABO01644 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003008353-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 745
ID ABUS1446 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003017542-A1.
PD 23-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 746
ID ABR60243 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032137-A1.

PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 747
ID ABR67978 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027269-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 748
ID ABR65366 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027268-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 749
ID ABR68588 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027274-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 750
ID ABR72000 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032135-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 751
ID ABR85480 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022295-A1.
PD 30-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 752
ID ABR89170 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003022297-A1.
PD 30-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 753
ID ABR83250 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032105-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 754
ID ABR95106 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032123-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 755
ID ABR90654 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032108-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 756
ID ABR84165 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032111-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 757
ID ABU93816 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032119-A1.
PD 13-FEB-2003.
FA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 758
ID ABR65061 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027263-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 759
ID ABR68893 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027271-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 760
ID ABO06709 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036125-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 761
ID ABR99254 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040068-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 762
ID ABU57138 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003027280-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 763
ID ABO6090 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022300-A1.
PD 30-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 764
ID ABU82377 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036136-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 765
ID ABU87388 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036138-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 766
ID ABU83860 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032109-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 767

ID ABO08234 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003040066-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 768
ID ABU81945 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032104-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 769
ID ABU66109 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036157-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 770
ID ABR59938 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032120-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 771
ID ABU94126 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036155-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 772
ID ABU08367 standard; protein; 713 AA.
DE Human secreted/transmembrane protein PRO724.
PN US2003004102-A1.
PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 773
ID ABU99979 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022236-A1.
PD 30-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 774
ID ABR66649 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027281-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 775
ID ABR91067 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040058-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 776
ID ABU94494 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003017540-A1.
PD 23-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 777
ID ABU79376 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036142-A1.

DE Human PRO polypeptide #208.
PN US2003032106-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 778
ID ABU86705 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032129-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 779
ID ABU87010 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032131-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 780
ID ABU94799 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032103-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 781
ID ABO04726 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032107-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 782
ID ABR70475 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032139-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 783
ID ABU98640 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022301-A1.
PD 30-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 784
ID ABR66039 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036165-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 785
ID ABR64756 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027262-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 786
ID ABU79681 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032110-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 787
ID ABU93072 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036142-A1.

PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 788
ID ABU96031 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036145-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 789
ID ABU91251 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036154-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 790
ID ABU90344 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036153-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 791
ID ABO09759 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044931-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 792
ID ABO11031 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036150-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 793
ID ABR71085 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040069-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 794
ID ABU87693 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022293-A1.
PD 30-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 795
ID ASU91561 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032128-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 796
ID ASU84775 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032116-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 797
ID ABR69865 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032122-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

RESULT 798
ID ABU80242 standard; protein; 713 AA.
DE Human PRO protein #208.
PN US2003036139-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 799
ID ABU93511 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003017541-A1.
PD 23-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 800
ID ABO10064 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003017543-A1.
PD 23-JAN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 801
ID ABO09149 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036152-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 802
ID ASU10717 standard; protein; 713 AA.
DE Human secreted/transmembrane protein #208.
PN US2002127584-A1.
PD 12-SRP-2002.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 803
ID ABU95726 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032115-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 804
ID ABU96935 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032140-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 805
ID ABR70780 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040076-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 806
ID ABO05131 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003008352-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 807
ID ABO08539 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044922-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

RESULT 808
ID ABO05746 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032118-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 809
ID ABR74135 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036135-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 810
ID ABR95727 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054455-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 811
ID ABR81024 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049741-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 812
ID ABR81329 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049743-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 813
ID ABO01025 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049769-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 814
ID ABR88627 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068743-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 815
ID ABR77448 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054479-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 816
ID ABO28932 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068685-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 817
ID ABO31677 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054459-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 818
ID ABO08094 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068752-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 819
ID ABO40574 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068682-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 820
ID ABO35999 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068701-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 821
ID ABO44138 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068755-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 822
ID ADA78168 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003073180-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 823
ID ABM24933 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104539-A1.
PD 05-JUN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 824
ID ABO03201 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036131-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 825
ID ABR90457 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040075-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 826
ID ABM17371 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054459-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 827
ID ABR95117 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044930-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 828
ID ABR95422 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040071-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 829
ID ABO21660 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054471-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 830
ID ABR97924 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064452-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 831
ID ABR87712 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068705-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 832
ID ABR77753 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054473-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 833
ID ABR27983 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064440-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 834
ID ABR06264 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068704-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 835
ID ABR03770 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068722-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 836
ID ABR35221 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073183-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 837
ID ABR26458 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104549-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 838
ID ABO48240 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049749-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 839
ID ABR92982 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064462-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 840
ID ABO24743 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003065159-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 841
ID ABR11754 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064447-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 842
ID ABR02855 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073184-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 843
ID ABR16151 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064463-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 844
ID ABO27712 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064451-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 845
ID ABR29203 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.

```
PN US2003068721-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 846
ID ABO07179 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068699-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 847
ID ABO21273 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068707-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 848
ID ABO09619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073175-A1.
PD 17-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 849
ID ABO41489 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068695-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 850
ID ABO36304 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068703-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 851
ID ABO43833 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068732-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 852
ID ABO76533 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082717-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 853
ID ABO76229 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104548-A1.
PD 05-JUN-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 854
ID ABO25848 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104542-A1.
PD 05-JUN-2003.
PN US2003068721-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 855
ID ABO26153 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104543-A1.
PD 05-JUN-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 856
ID ABO03506 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036127-A1.
PD 20-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 857
ID ABO02591 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040061-A1.
PD 27-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 858
ID ABR90762 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036130-A1.
PD 20-FEB-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 859
ID ABR73830 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054468-A1.
PD 20-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 860
ID ABO17082 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054470-A1.
PD 20-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 861
ID ABR94507 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044917-A1.
PD 06-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 862
ID ABR76014 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044929-A1.
PD 06-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 863
ID ABR71390 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059880-A1.
PD 27-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 864
ID ABR93287 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064465-A1.
PD 03-APR-2003.
```

PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 865
ID ABR93592 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054478-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 866
ID ABR88017 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068718-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 867
ID ABO28017 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064454-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 868
ID ABO30152 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064461-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 869
ID ABO33361 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068724-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 870
ID ABO5049 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068727-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 871
ID ASM09009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068772-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 872
ID ABO36609 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068714-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 873
ID ABO35694 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068758-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.

Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 874
ID ABO39659 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068776-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 875
ID ASM10534 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003069407-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 876
ID ABM12059 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104555-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 877
ID ABO52205 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049768-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 878
ID ABO52510 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049771-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 879
ID ABO23828 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032134-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 880
ID ABR97314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054481-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 881
ID ABR87102 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049778-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 882
ID ABM1144 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049782-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

RESULT 883
ID ABM33289 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003087374-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 893
ID ABO52815 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049773-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 894
ID ABO50375 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049777-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 895
ID ABU9369 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040055-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 896
ID ABO04421 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036164-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 897
ID ABO06051 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040074-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 898
ID ABM18591 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054480-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 899
ID ABR97619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059885-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 900
ID ABR80719 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049740-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 901
ID ABM01330 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049770-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.

RESULT 884
ID ABO32287 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068733-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 885
ID ABM15414 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068692-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 886
ID ABM0569 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068709-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 887
ID ABM04380 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068716-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 888
ID ABM22493 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068740-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 889
ID ABM07789 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068751-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 890
ID ABO40879 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068684-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 891
ID ABM35526 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073179-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 892
ID ABM07789 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068751-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.

Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 902
ID ABR88932 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073169-A1.
PD 17-APR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 903
ID ABM13584 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064457-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 904
ID ABM20968 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068711-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 905
ID ABO42099 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049745-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 906
ID ABO42709 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049751-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 907
ID ABM10229 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003067478-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 908
ID ABO38744 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068773-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 909
ID ABM32984 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073185-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 910
ID ABM22798 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003087373-A1.
PD 08-MAY-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 911

ID ABW75009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096353-A1.
PD 22-MAY-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 912
ID ADA79960 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003073173-A1.
PD 17-APR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 913
ID ADA24722 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003050241-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 914
ID ABR96399 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054458-A1.
PD 20-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 915
ID ABM02550 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059886-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 916
ID ABR86492 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049758-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 917
ID ABR86797 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049772-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 918
ID ABM16761 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064448-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 919
ID ABM29813 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064456-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 920
ID ABO29237 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068693-A1.
PD 10-APR-2003.

PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 921
ID ABM24018 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068735-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 922
ID ABM23408 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068753-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 923
ID ABM22188 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068742-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 924
ID ABO37829 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068756-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 925
ID ASB28593 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082715-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 926
ID ASB28898 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082716-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 927
ID ABM66542 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068737-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 928
ID ABM75924 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104547-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 929
ID ABM34204 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096359-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

RESULT 930
ID ABM34509 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003100061-A1.
PD 29-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 931
ID ABO19669 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003050240-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 932
ID ABO20440 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032125-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 933
ID ABO21355 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003034454-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 934
ID ABO22270 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003034477-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 935
ID ADA12383 standard; protein; 713 AA.
DE Human secreted/transmembrane polypeptide PRO724.
PN US2003055216-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 936
ID ABR96704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054460-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 937
ID ABR85882 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049753-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 938
ID ABR99864 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049763-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 939
ID ABM00720 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.

PN US2003073172-A1.
PD 17-APR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 940
ID ABM00415 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073172-A1.
PD 17-APR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 941
ID ABO29847 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068700-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 942
ID ABM23713 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068736-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 943
ID ABM29508 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068679-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 944
ID ABO38439 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068767-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 945
ID ABO45739 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003073182-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 946
ID ABM20663 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104557-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 947
ID ADA81687 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003092121-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 948
ID ABO16777 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027276-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 949
ID ABO18403 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US200304920-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 950
ID ABO22830 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003027265-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 951
ID ABO23135 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054461-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 952
ID ABR92677 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064446-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 953
ID ABR81634 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049744-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 954
ID ABR78058 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049783-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 955
ID ABR89847 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073171-A1.
PD 17-APR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 956
ID ABR26763 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032121-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 957
ID ABR13889 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064458-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 958
ID ABO28627 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064460-A1.

PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 959
ID ABO30457 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064464-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 960
ID ABO47484 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068702-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 961
ID ABO4075 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068734-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 962
ID ABO37219 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068719-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 963
ID ABO41794 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068729-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 964
ID ABO35389 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068738-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 965
ID ABO25238 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104540-A1.
PD 03-JUN-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 966
ID ABO47630 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049742-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 967
ID ABO47935 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049747-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 968
ID ABO48545 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049750-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 969
ID ABO51595 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049766-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 970
ID ABO51900 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049767-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 971
ID ABO50680 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049779-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 972
ID ABR79804 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040059-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 973
ID ABM17066 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040078-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 974
ID ABO18098 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044918-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 975
ID ABO21050 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032132-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 976
ID ABR97009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054462-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 977
ID ABM12364 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003064445-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 978
ID ABM16456 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003064449-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 979
ID ABM24323 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003064441-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 980
ID ABM14804 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068596-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 981
ID ABM04685 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068712-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 982
ID ABM06874 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068730-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 983
ID ABM09314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003073174-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 984
ID AB039354 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003068775-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 985
ID ABM75619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003104545-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 986
ID ABM25543 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003104541-A1.
PD 05-JUN-2003.

Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 987
ID ABM20053 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003104554-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 988
ID AB046959 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
FN US2003049762-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 989
ID ABO47264 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
FN US2003049765-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 990
ID ADA83485 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003049752-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 991
ID ABR71695 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003032133-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 992
ID ABR72305 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003032136-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 993
ID ABR98644 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003036129-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 994
ID ABO07014 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003040053-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 995
ID ABR84967 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003040057-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 996
ID ABR73525 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003054467-A1.

PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 997
ID ABR76619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044932-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 998
ID ABR73220 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027270-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 999
ID ASM18286 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054469-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1000
ID ABO20745 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032126-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1001
ID ABO25488 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054463-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1002
ID ABO25793 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054466-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1003
ID ABR94202 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059879-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1004
ID ABR80109 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049738-A1.
PD 13-MAR-2003.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1005
ID ABM11449 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064469-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1006
ID ABO38134 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003064453-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1007
ID ABO30762 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064466-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1008
ID ABO31067 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064468-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1009
ID ABM27373 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068760-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1010
ID ABM30118 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068769-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1011
ID ABM05654 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003045700-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1012
ID ABM15719 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068698-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1013
ID ABM08704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068759-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1014
ID ABO42404 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049748-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1015
ID ABO38134 standard; protein; 713 AA.

DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003068765-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1016
 ID ABO46044 standard; protein; 713 AA.
 DE Human PRO polypeptide #208.
 FN US2003049754-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1017
 ID ABO46044 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 FN US2003068688-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1018
 ID ABO46044 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003082767-A1.
 PD 01-MAY-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1019
 ID ABO46044 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 FN US2003104552-A1.
 PD 05-JUN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1020
 ID ABO49460 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003049774-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1021
 ID ABO49765 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003049775-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1022
 ID ADA78780 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003073181-A1.
 PD 17-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1023
 ID ABO19560 standard; protein; 713 AA.
 DE Novel human secreted and transmembrane polypeptide #28.
 FN US2003049633-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1024
 ID ABR88322 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 FN US2003068720-A1.
 PD 10-APR-2003.

PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1025
 ID ABO27068 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 FN US2003068739-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1026
 ID ABO3465 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 FN US2003068763-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1027
 ID ABO39964 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003068689-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1028
 ID ABO50070 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003049776-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1029
 ID ABO50985 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003049780-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1030
 ID ABO5441 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 FN US2003036126-A1.
 PD 20-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1031
 ID ABR74745 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 FN US2003044924-A1.
 PD 06-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1032
 ID ABR77224 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 FN US2003044927-A1.
 PD 06-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1033
 ID ABR17981 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 FN US2003040072-A1.
 PD 27-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 12.9%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 1.1e-06;
 RESULT 1034
 ID ABR96032 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040073-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1035
ID ABO21965 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054475-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1036
ID ABO20135 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032124-A1.
PD 13-FEB-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1037
ID ABO24438 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064467-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1038
ID ABR86187 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049759-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1039
ID ABR86187 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049759-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1040
ID ABR89542 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054465-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1041
ID ABR89542 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073170-A1.
PD 17-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1042
ID ABR12669 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073176-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1043
ID ABR05959 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068717-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.

Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1044
ID ABO35084 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068728-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1045
ID ABO3160 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068764-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1046
ID ABR19138 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104550-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1047
ID ABR19443 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104551-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1048
ID ABO46654 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049761-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1049
ID ABO49155 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049757-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1050
ID ABR69198 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027273-A1.
PD 06-FEB-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1051
ID ABR89237 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036119-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1052
ID ABR72610 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036120-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1053
ID ABR74440 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003036161-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1054
ID ABO31372 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003044921-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1055
ID ABR80414 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003049739-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1056
ID ABO1635 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003059882-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1057
ID ABO2245 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003059884-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1058
ID ABR87407 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068687-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1059
ID ABO12974 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003073186-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1060
ID ABO30728 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003064443-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1061
ID ABO24628 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003064444-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1062
ID ABO29542 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003068697-A1.

PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1063
ID ABO31372 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003068710-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1064
ID ABO14499 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068686-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1065
ID ABO09924 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003073178-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1066
ID ABO39049 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003068774-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1067
ID ABO34814 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003104538-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1068
ID ABO51290 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003049781-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1069
ID ABO04116 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003036158-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1070
ID ABO10586 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
FN US2003036151-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1071
ID ABR77829 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003040067-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
Pred. No. 1.1e-06;
RESULT 1072

ID ABR79039 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054456-A1.
PD 20-MAR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1073
ID ABO24133 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054482-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1074
ID ABR93897 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054457-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1075
ID ABO1940 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059883-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1076
ID ABR78363 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049764-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1077
ID ABR90152 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073177-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1078
ID ABR27678 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064442-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1079
ID ABR13279 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064450-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1080
ID ABO31982 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068731-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1081
ID ABR14194 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.

PN US2003068683-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1082
ID ARM08399 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068754-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1083
ID ABO40269 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068681-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1084
ID ABR74704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096351-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1085
ID ABR33899 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096358-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1086
ID ABR20358 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104556-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1087
ID ABO48850 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049756-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1088
ID ABR72915 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036122-A1.
PD 20-FEB-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1089
ID ABO15557 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036121-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1090
ID ABR85272 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040065-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

RESULT 1091
ID ABO15252 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003044919-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1092
ID ABO17387 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003040077-A1.
PD 27-FEB-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1093
ID ABM17676 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003044928-A1.
PD 06-MAR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1094
ID ABR85577 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003049746-A1.
PD 13-MAR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1095
ID ABM77143 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003054464-A1.
PD 20-MAR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1096
ID ABO28322 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003064459-A1.
PD 03-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1097
ID ABM23103 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068757-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1098
ID ABM30423 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068723-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1099
ID ABM21883 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068741-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1100
ID ABM21578 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068744-A1.

PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1101
ID ABM15109 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068766-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1102
ID ABO41184 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003068694-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1103
ID ABO36914 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003068715-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1104
ID ABO37524 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003068726-A1.
PD 10-APR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1105
ID ABM75314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003104544-A1.
PD 05-JUN-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1106
ID ABM33594 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003096357-A1.
PD 22-MAY-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1107
ID ABO46349 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
FN US2003049760-A1.
PD 13-MAR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1108
ID ADA82851 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
FN US2003049755-A1.
PD 13-MAR-2003.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1109
ID ABM31948 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
FN US2003068680-A1.
PD 10-APR-2003.

Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1110
ID ADM31338 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068762-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1111
ID ADM73689 standard; protein; 713 AA.
DE Human PRO polypeptide #28.
PN US2003045462-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1112
ID ADM86159 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054472-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1113
ID ADM32253 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068708-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1114
ID ADM32558 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068713-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1115
ID ADM31643 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068761-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1116
ID ADM31033 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068771-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1117
ID ADM76405 standard; protein; 713 AA.
DE Human PRO polypeptide #28.
PN US2003083248-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1118
ID ADM3831 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003054986-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1119
ID ADM61591 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003049684-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1120
ID ADM63555 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003054405-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1121
ID ADM66655 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003060406-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1122
ID ADM68779 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003064407-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1123
ID ADM62839 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003068648-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1124
ID ADM67904 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003069178-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1125
ID ADM41224 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003072745-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1126
ID ADM67279 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003073131-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1127
ID ADM62215 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003073624-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

RESULT 1128
ID ADG41848 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003104998-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1129
ID ADG74198 standard; protein; 713 AA.
DE Human secreted protein - SEQ ID 831.
PN WO2003038063-A2.
PD 08-MAY-2003.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1130
ID AD005889 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003087376-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1131
ID AD010369 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40.
PN US2003105011-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1132
ID AD011329 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40.
PN US2003105013-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1133
ID AD037917 standard; protein; 713 AA.
DE Human secreted protein #100.
PN WO200290526-A2.
PD 14-NOV-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1134
ID AD037917 standard; protein; 713 AA.
DE Human secreted protein #100.
PN WO200290526-A2.
PD 14-NOV-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1135
ID AD849217 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003096744-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1136
ID AD835271 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203434-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1137

ID ADE16385 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203435-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1138
ID ADD73000 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203436-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1139
ID ADD72358 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003194781-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1140
ID ADE17009 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203433-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1141
ID ADF47023 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003195333-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1142
ID ADG02884 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207397-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1143
ID ADG01591 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207399-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1144
ID ADF95766 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207398-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1145
ID ADG12581 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207392-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1146
ID ADH09241 standard; protein; 713 AA.
DE Human PRO polypeptide #208.

```
PN US2003207395-A1.
PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
  Query Match
  Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
  RESULT 1147
  DE Human secreted/transmembrane protein, PRO724.
  PN US2003216561-A1.
  PD 20-NOV-2003.
  PA (GETH ) GENENTECH INC.
    Query Match
    Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
    RESULT 1148
    DE ADG52780 standard; protein; 713 AA.
    DE Human secreted/transmembrane protein, PRO724.
    PN US2003216561-A1.
    PD 20-NOV-2003.
    PA (GETH ) GENENTECH INC.
      Query Match
      Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
      RESULT 1149
      DE ADG60100 standard; protein; 713 AA.
      DE Human secreted/transmembrane protein, PRO724.
      PN US2003206915-A1.
      PD 06-NOV-2003.
      PA (GETH ) GENENTECH INC.
        Query Match
        Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
        RESULT 1150
        DE ADI60860 standard; protein; 713 AA.
        DE Human secreted/transmembrane protein, PRO724.
        PN US2003077700-A1.
        PD 24-APR-2003.
        PA (GETH ) GENENTECH INC.
          Query Match
          Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
          RESULT 1151
          DE ADL30020 standard; protein; 713 AA.
          DE Novel human secreted and transmembrane protein PRO724.
          PN US2003207396-A1.
          PD 06-NOV-2003.
          PA (GETH ) GENENTECH INC.
            Query Match
            Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
            RESULT 1152
            DE ADM30556 standard; protein; 713 AA.
            DE Novel human secreted and transmembrane protein PRO724.
            PN US2003073813-A1.
            PD 17-APR-2003.
            PA (GETH ) GENENTECH INC.
              Query Match
              Best Local Similarity 12.9%; Score 194; DB 7; Length 713;
              RESULT 1153
              DE ADE48517 standard; protein; 713 AA.
              DE Human secreted/transmembrane protein, PRO724.
              PN US2003104536-A1.
              PD 05-JUN-2003.
              PA (GETH ) GENENTECH INC.
                Query Match
                Best Local Similarity 12.9%; Score 194; DB 8; Length 713;
                RESULT 1154
                DE ADE41330 standard; protein; 713 AA.
                DE Human secreted/transmembrane PRO polypeptide #40.
                PN US2003100497-A1.
                PD 29-MAY-2003.
                PA (GETH ) GENENTECH INC.
                  Query Match
                  Best Local Similarity 12.9%; Score 194; DB 8; Length 713;
                  RESULT 1155
                  DE ADE74553 standard; protein; 713 AA.
                  DE Human secreted/transmembrane protein (PRO) #208.
                  PN US2003211572-A1.
                  PD 13-NOV-2003.
                  Query Match
                  Best Local Similarity 12.9%; Score 194; DB 8; Length 713;
                  RESULT 1156
                  DE ADE89618 standard; protein; 713 AA.
                  DE Human secreted/transmembrane protein, PRO724.
                  PN US2003130181-A1.
                  PD 10-JUL-2003.
                  PA (ASHK/) ASHKENAZI A J.
                  PA (BAKE/) BAKER K P.
                  PA (BOTS/) BOTSTEIN D.
                  PA (DESN/) DESNOYERS L.
                  PA (EATO/) EATON D L.
                  PA (FERR/) FERRARA N.
                  PA (FILV/) FILVAROFF E.
                  PA (FONG/) FONG S.
                  PA (GAOW/) GAO W.
                  PA (GERB/) GERBER H.
                  PA (GERR/) GERRITSEN M E.
                  PA (GODD/) GODDARD A.
                  PA (GODO/) GODOWSKI P J.
                  PA (GIRM/) GIRMALDI J C.
                  PA (GURN/) GURNEY A L.
                  PA (HILL/) HILLAN K J.
                  PA (KLJA/) KLJAVIN I J.
                  PA (KUOS/) KUO S S.
                  PA (NAPI/) NAPIER M A.
                  PA (PANJ/) PAN J.
                  PA (PAON/) PAONI N F.
                  PA (ROYM/) ROY M A.
                  PA (SHEL/) SHELTON D L.
                  PA (STEW/) STEWART T A.
                  PA (TUMA/) TUMAS D.
                  PA (WILL/) WILLIAMS P M.
                  PA (WOOD/) WOOD W I.
    Query Match
    Best Local Similarity 12.9%; Score 194; DB 8; Length 713;
    RESULT 1157
    DE ADF61258 standard; protein; 713 AA.
    DE Human secreted/transmembrane protein, PRO724.
    PN US2003195345-A1.
    PD 16-OCT-2003.
    PA (GETH ) GENENTECH INC.
      Query Match
      Best Local Similarity 12.9%; Score 194; DB 8; Length 713;
      RESULT 1158
      DE ADF39950 standard; protein; 713 AA.
      DE Human secreted/transmembrane protein, PRO724.
      PN US2003198994-A1.
      PD 23-OCT-2003.
      PA (GETH ) GENENTECH INC.
        Query Match
        Best Local Similarity 12.9%; Score 194; DB 8; Length 713;
        RESULT 1159
        DE ADF45746 standard; protein; 713 AA.
        DE Human secreted/transmembrane protein, PRO724.
        PN US2003195148-A1.
        PD 16-OCT-2003.
        PA (GETH ) GENENTECH INC.
          Query Match
          Best Local Similarity 12.9%; Score 194; DB 8; Length 713;
          RESULT 1160
          DE ADF24142 standard; protein; 713 AA.
          DE Human secreted/transmembrane protein, PRO724.
          PN US2003204055-A1.
          PD 30-OCT-2003.
          PA (GETH ) GENENTECH INC.
            Query Match
            Best Local Similarity 12.9%; Score 194; DB 8; Length 713;
            RESULT 1161
            DE ADF40574 standard; protein; 713 AA.
            DE Human secreted/transmembrane protein, PRO724.
            PN US2003199021-A1.
            PD 23-OCT-2003.
```

PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1162
ID ADF23518 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003203402-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1163
ID ADF33501 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003194780-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1164
ID ADF26968 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003199436-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1165
ID ADF27604 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003199437-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1166
ID ADF41198 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003199435-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1167
ID ADF32877 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003211091-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1168
ID ADF25243 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003211092-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1169
ID ADF26344 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003199674-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1170
ID ADF34133 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003194410-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.

Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1171
ID ADF46370 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003195344-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1172
ID ADF96378 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
FN US2003215909-A1.
PD 20-NOV-2003.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1173
ID ADG04649 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
FN US2003215912-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1174
ID ADG08089 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
FN US2003215911-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1175
ID ADG83065 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
FN US2003215910-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1176
ID ADH26346 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
FN US2003068770-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1177
ID ADG50356 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003207803-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1178
ID ADG49732 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003215905-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1179
ID ADG51604 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
FN US2003215908-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;

RESULT 1180
ID ADH33315 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068768-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1181
ID ADG49108 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003216305-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1182
ID ADG48484 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003216560-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1183
ID ADG50980 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004005312-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1184
ID ADH43513 standard; protein; 713 AA.
DE Human PRO polypeptide #40.
PN US2003224984-A1.
PD 04-DEC-2003.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1185
ID ADG58924 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004005657-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1186
ID ADG62380 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004006219-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1187
ID ADH25405 standard; protein; 713 AA.
DE Human neurotrophin homologue related protein sequence SEQ ID NO:183.
PN EP1386931-A1.
PD 04-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1188
ID ADJ55054 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2004023321-A1.
PD 05-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1189
ID ADI16881 standard; protein; 855 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004053358-A1.
PD 18-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1190
ID ADJ64825 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2004038337-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1191
ID ADM31721 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004048334-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1192
ID ADM17182 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004048332-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1193
ID ADM36768 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004053358-A1.
PD 18-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1194
ID ADM40573 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004048335-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1195
ID ADL07016 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004063921-A1.
PD 01-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1196
ID ADN38181 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004091959-A1.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 12.9%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 1.1e-06;
RESULT 1197
ID ADI16820 standard; protein; 855 AA.
DE Rat NOVX protein homologue SeqID 356.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.9%; Score 193.5; DB 5; Length 855;
Best Local Similarity 39.3%; Pred. No. 1.5e-06;
RESULT 1198
ID ADI16881 standard; protein; 855 AA.

DE Rat NOVX protein homologue SeqID 417.
 FN WO200268649-A2.
 PA (CURA-) CURAGEN CORP.
 Query Match 12.9%; Score 193.5; DB 5; Length 855;
 Best Local Similarity 39.3%; Pred. No. 1.5e-06;
 RESULT 1199
 ID AD16878 standard; protein; 855 AA.
 DE Rat NOVX protein homologue SeqID 414.
 FN WO200268649-A2.
 PD 06-SEP-2002.
 PA (CURA-) CURAGEN CORP.
 Query Match 12.9%; Score 193.5; DB 5; Length 855;
 Best Local Similarity 39.3%; Pred. No. 1.5e-06;
 RESULT 1200
 ID ADP21767 standard; protein; 81 AA.
 DE Human CD28 specific LDL receptor A domain protein monomer A2.
 FN WO200404011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 12.8%; Score 193; DB 8; Length 81;
 Best Local Similarity 36.0%; Pred. No. 1e-07;
 RESULT 1201
 ID AAU81061 standard; protein; 83 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #30.
 FN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 12.8%; Score 192.5; DB 5; Length 83;
 Best Local Similarity 36.0%; Pred. No. 1.2e-07;
 RESULT 1202
 ID ADN23077 standard; protein; 574 AA.
 DE Bacterial polypeptide #5730.
 FN US2003233675-A1.
 PD 18-DEC-2003.
 PA (CAOY/) CAO Y.
 PA (HINK/) HINKLE G J.
 PA (SLAT/) SLATER S C.
 PA (CHEN/) CHEN X.
 PA (GOLD/) GOLDMAN B S.
 Query Match 12.7%; Score 191.5; DB 8; Length 574;
 Best Local Similarity 32.3%; Pred. No. 1.4e-06;
 RESULT 1203
 ID AAM23981 standard; protein; 190 AA.
 DE Rat EST encoded protein SEQ ID NO: 1506.
 FN WO200154477-A2.
 PD 02-AUG-2001.
 PA (HYSE-) HYSEQ INC.
 Query Match 12.7%; Score 191; DB 4; Length 190;
 Best Local Similarity 33.1%; Pred. No. 4.1e-07;
 RESULT 1204
 ID AAB62391 standard; protein; 345 AA.
 DE Human LDL receptor family protein (LDLP).
 FN WO200127274-A1.
 PD 19-APR-2001.
 PA (LEXI-) LEXICON GENETICS INC.
 Query Match 12.7%; Score 191; DB 4; Length 345;
 Best Local Similarity 27.5%; Pred. No. 8.2e-07;
 RESULT 1205
 ID AAB88456 standard; protein; 345 AA.
 DE Human membrane or secretory protein clone PSEC0246.
 FN EP1067182-A2.
 PD 10-JAN-2001.
 PA (HELI-) HELIX RES INST.
 Query Match 12.7%; Score 191; DB 4; Length 345;
 Best Local Similarity 27.5%; Pred. No. 8.2e-07;
 RESULT 1206
 ID ABG61884 standard; protein; 345 AA.
 DE Prostate cancer-associated protein #85.
 FN WO200230268-A2.
 PD 18-APR-2002.
 PA (EOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 12.7%; Score 191; DB 5; Length 345;

Best Local Similarity 27.5%; Pred. No. 8.2e-07;
 RESULT 1207
 ID ADN39406 standard; protein; 345 AA.
 DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A6.
 FN WO2003042661-A2.
 PD 22-MAY-2003.
 PA (EOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 12.7%; Score 191; DB 7; Length 345;
 Best Local Similarity 27.5%; Pred. No. 8.2e-07;
 RESULT 1208
 ID ADN39496 standard; protein; 345 AA.
 DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A96.
 FN WO2003042661-A2.
 PD 22-MAY-2003.
 PA (EOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 12.7%; Score 191; DB 7; Length 345;
 Best Local Similarity 27.5%; Pred. No. 8.2e-07;
 RESULT 1209
 ID ADN39551 standard; protein; 345 AA.
 DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A151.
 FN WO2003042661-A2.
 PD 22-MAY-2003.
 PA (EOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 12.7%; Score 191; DB 7; Length 345;
 Best Local Similarity 27.5%; Pred. No. 8.2e-07;
 RESULT 1210
 ID ADN39438 standard; protein; 345 AA.
 DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A38.
 FN WO2003042661-A2.
 PD 22-MAY-2003.
 PA (EOSB-) EOS BIOTECHNOLOGY INC.
 Query Match 12.7%; Score 191; DB 7; Length 345;
 Best Local Similarity 27.5%; Pred. No. 8.2e-07;
 RESULT 1211
 ID AAB62392 standard; protein; 161 AA.
 DE Human LDL receptor family protein (LDLP).
 FN WO200127274-A1.
 PD 19-APR-2001.
 PA (LEXI-) LEXICON GENETICS INC.
 Query Match 12.6%; Score 189; DB 5; Length 119;
 Best Local Similarity 33.1%; Pred. No. 3.4e-07;
 RESULT 1213
 ID ADN11581 standard; protein; 851 AA.
 DE Human CD91 protein fragment SEQ ID NO: 2.
 FN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 Query Match 12.6%; Score 189; DB 8; Length 851;
 Best Local Similarity 26.4%; Pred. No. 3.4e-06;
 RESULT 1214
 ID ADN11582 standard; protein; 896 AA.
 DE Human CD91 protein fragment SEQ ID NO: 3.
 FN WO2004033657-A2.
 PD 22-APR-2004.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 12.6%; Score 189; DB 8; Length 896;
 Best Local Similarity 26.4%; Pred. No. 3.7e-06;
 RESULT 1215
 ID ADN11592 standard; protein; 896 AA.
 DE Human CD91 protein fragment SEQ ID NO: 13.
 FN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.

```

PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 12.6%; Score 189; DB 8; Length 896;
Best Local Similarity 26.4%; Pred. No. 3.7e-06;
RESULT 1216
ID AAE23083 standard; protein; 855 AA.
DE Epithin protein.
PN W0200203787-A2.
PD 17-JAN-2002.
PA (DELT-) DELTAGEN INC.
Query Match 12.5%; Score 188.5; DB 5; Length 855;
Best Local Similarity 36.7%; Pred. No. 3.8e-06;
RESULT 1217
ID ADI16819 standard; protein; 855 AA.
DE Murine NOVX protein homologue SeqID 355.
PN W0200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.5%; Score 188.5; DB 5; Length 855;
Best Local Similarity 36.7%; Pred. No. 3.8e-06;
RESULT 1218
ID ADI16877 standard; protein; 855 AA.
DE Murine NOVX protein homologue SeqID 413.
PN W0200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 12.5%; Score 188.5; DB 5; Length 855;
Best Local Similarity 36.7%; Pred. No. 3.8e-06;
RESULT 1219
ID AAB98507 standard; protein; 902 AA.
DE Murine epithin.
PN W0200129056-A1.
PD 28-APR-2001.
PA (UYAR-) UNIV ARKANSAS.
Query Match 12.5%; Score 188.5; DB 4; Length 902;
Best Local Similarity 36.7%; Pred. No. 4e-06;
RESULT 1220
ID RAU80517 standard; protein; 902 AA.
DE Mouse epithilin-like serine protease.
PN W0200196378-A2.
PD 20-DEC-2001.
PA (FARB ) BAYER AG.
Query Match 12.5%; Score 188.5; DB 5; Length 902;
Best Local Similarity 36.7%; Pred. No. 4e-06;
RESULT 1221
ID AAU77549 standard; protein; 902 AA.
DE Murine type II membrane serine protease, epithin.
PN W0200212461-A2.
PD 14-FEB-2002.
PA (FARB ) BAYER AG.
Query Match 12.5%; Score 188.5; DB 5; Length 902;
Best Local Similarity 36.7%; Pred. No. 4e-06;
RESULT 1222
ID AAM78716 standard; protein; 790 AA.
DE Human protein SEQ ID NO 1378.
PN W0200157190-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.5%; Score 188; DB 4; Length 790;
Best Local Similarity 26.4%; Pred. No. 3.8e-06;
RESULT 1223
ID ABE47700 standard; protein; 1006 AA.
DE Human NOV20a protein SEQ ID NO:62.
PN W02003076642-A2.
PD 18-SEP-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.5%; Score 188; DB 7; Length 1006;
Best Local Similarity 31.5%; Pred. No. 5e-06;
RESULT 1224
ID ADU78970 standard; protein; 1006 AA.
DE Human NOVX protein Nov20A amino acid sequence.
PN US2004014053-A1.
PD 22-JAN-2004.
PA (ZERH/) ZERHUSEN B D.
Query Match 12.5%; Score 187.5; DB 7; Length 693;
Best Local Similarity 38.1%; Pred. No. 3.6e-06;
RESULT 1228
ID AAE38321 standard; protein; 706 AA.
DE Human membrane-like serine protease (MLSP) protein #3.
PN W02003064651-A2.
Query Match 12.5%; Score 188; DB 8; Length 1006;
Best Local Similarity 31.5%; Pred. No. 5e-06;
RESULT 1225
ID ADQ67668 standard; protein; 572 AA.
DE Novel human protein sequence #2334.
PN EPI440981-A2.
PD 28-JUL-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 12.5%; Score 187.5; DB 8; Length 572;
Best Local Similarity 38.1%; Pred. No. 2.8e-06;
RESULT 1226
ID AAE38322 standard; protein; 648 AA.
DE Human membrane-like serine protease (MLSP) protein #4.
PN W02003064651-A2.
PD 07-AUG-2003.
PA (FARB ) BAYER AG.
Query Match 12.5%; Score 187.5; DB 7; Length 648;
Best Local Similarity 38.1%; Pred. No. 3.3e-06;
RESULT 1227
ID AAE38320 standard; protein; 693 AA.
DE Human membrane-like serine protease (MLSP) protein #2.
PN W02003064651-A2.
PD 07-AUG-2003.
PA (FARB ) BAYER AG.
Query Match 12.5%; Score 187.5; DB 7; Length 693;
Best Local Similarity 38.1%; Pred. No. 3.6e-06;
RESULT 1228
ID AAE38321 standard; protein; 706 AA.
DE Human membrane-like serine protease (MLSP) protein #3.
PN W02003064651-A2.

```


PD 07-AUG-2003.
PA (FARB) BAYER AG. 12.5%; Score 187.5; DB 7; Length 706;
Query Match 38.1%; Pred. No. 3.6e-06;
RESULT 1229
ID AAU77552 standard; protein; 843 AA.
DE Hman membrane-type serine protease.
PN WO200212461-A2.
PD 14-FEB-2002.
PA (FARB) BAYER AG. 12.5%; Score 187.5; DB 5; Length 843;
Query Match 38.1%; Pred. No. 4.5e-06;
RESULT 1230
ID AA538319 standard; protein; 843 AA.
DE Human membrane-like serine protease (MLSP) protein #1.
PN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG. 12.5%; Score 187.5; DB 7; Length 843;
Query Match 38.1%; Pred. No. 4.5e-06;
RESULT 1231
ID AAU82750 standard; protein; 850 AA.
DE Amino acid sequence of novel human protease #49.
PN WO200200860-A2.
PD 03-JAN-2002.
PA (SUGE-) SUGEN INC. 12.5%; Score 187.5; DB 5; Length 850;
Query Match 38.1%; Pred. No. 4.5e-06;
RESULT 1232
ID ADT49842 standard; protein; 355 AA.
DE Murine LRP1 partial sequence/betacellulin antibody SEQ ID NO:49.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD. 12.4%; Score 187; DB 8; Length 355;
Query Match 26.9%; Pred. No. 1.8e-06;
RESULT 1233
ID ABG04531 standard; protein; 409 AA.
DE Novel human diagnostic protein #4522.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC. 12.4%; Score 186.5; DB 4; Length 409;
Query Match 33.9%; Pred. No. 2.3e-06;
RESULT 1234
ID ABB61031 standard; protein; 1612 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9885.
PN WO20071042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY. 12.4%; Score 186.5; DB 4; Length 1612;
Query Match 25.1%; Pred. No. 1.2e-05;
RESULT 1235
ID AUC86801 standard; protein; 1564 AA.
DE Human GPCR protein SEQ ID NO:1254.
PN EP1270724-A2.
PD 02-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO. 12.4%; Score 186; DB 7; Length 1564;
Query Match 24.3%; Pred. No. 1.2e-05;
RESULT 1236
ID ADT49875 standard; protein; 199 AA.
DE Human LRP2(4700) partial sequence/betacellulin antibody SEQ ID NO:82.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD. 12.3%; Score 184.5; DB 8; Length 199;
Query Match 32.8%; Pred. No. 1.4e-06;
RESULT 1237
ID ADE54357 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 160.
PN WO2003016475-A2.

PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP. 12.3%; Score 184.5; DB 7; Length 770;
Query Match 31.7%; Pred. No. 7e-06;
RESULT 1238
ID ADD46515 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 12196.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP. 12.3%; Score 184.5; DB 7; Length 770;
Query Match 31.7%; Pred. No. 7e-06;
RESULT 1239
ID ADD46511 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 12192.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP. 12.3%; Score 184.5; DB 7; Length 770;
Query Match 31.7%; Pred. No. 7e-06;
RESULT 1240
ID ADE54353 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 156.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP. 12.3%; Score 184.5; DB 7; Length 770;
Query Match 31.7%; Pred. No. 7e-06;
RESULT 1241
ID ADI27176 standard; protein; 770 AA.
DE Rat LRP binding family protein #5.
PN WO2003108657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES. 12.3%; Score 184.5; DB 8; Length 770;
Query Match 31.7%; Pred. No. 7e-06;
RESULT 1242
ID ABB62641 standard; protein; 787 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 14715.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY. 12.2%; Score 184; DB 4; Length 787;
Query Match 25.5%; Pred. No. 7.8e-06;
RESULT 1243
ID AAM93311 standard; protein; 688 AA.
DE Human polypeptide, SEQ ID NO: 2821.
PN EP110094-A2.
PD 05-SEP-2001.
PA (HELI-) HELIX RES INST. 12.2%; Score 183.5; DB 4; Length 688;
Query Match 31.7%; Pred. No. 7.3e-06;
RESULT 1244
ID ADL30788 standard; protein; 688 AA.
DE Human protein encoded by a full length cDNA clone SeqID 2821.
PN EP1396543-A2.
PD 10-MAR-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY. 12.2%; Score 183.5; DB 8; Length 688;
Query Match 31.7%; Pred. No. 7.3e-06;
RESULT 1245
ID ADE54355 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 158.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP. 12.2%; Score 183.5; DB 7; Length 770;
Query Match 31.7%; Pred. No. 8.4e-06;
RESULT 1246

RESULT 1246
ID ADD46513 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 12194.
PN WO2003016475-A2.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 12.2%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 8.4e-06;
RESULT 1247
ID ADE54359 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 162.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 12.2%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 8.4e-06;
RESULT 1248
ID ADD46517 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 12198.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 12.2%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 8.4e-06;
RESULT 1249
ID ADJ69418 standard; protein; 770 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID1224.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 12.2%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 8.4e-06;
RESULT 1250
ID ADI27175 standard; protein; 770 AA.
DE Human LRP binding family protein #9.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 12.2%; Score 183.5; DB 8; Length 770;
Best Local Similarity 31.7%; Pred. No. 8.4e-06;
RESULT 1251
ID ABQ39601 standard; protein; 770 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1264.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 12.2%; Score 183.5; DB 8; Length 770;
Best Local Similarity 31.7%; Pred. No. 8.4e-06;
RESULT 1252
ID ADD93395 standard; protein; 785 AA.
DE Human lipid-associated molecule LIPAM-2 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 12.2%; Score 183.5; DB 7; Length 785;
Best Local Similarity 31.7%; Pred. No. 8.6e-06;
RESULT 1253
ID AG04441 standard; protein; 814 AA.
DE Novel human diagnostic protein #4432.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.2%; Score 183.5; DB 4; Length 814;
Best Local Similarity 31.7%; Pred. No. 8.9e-06;
RESULT 1254
ID AAY71080 standard; protein; 575 AA.
DE Murine TANGO 136 partial protein.
PN WO200026227-A1.
PD 11-MAY-2000.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 12.2%; Score 183; DB 3; Length 575;
Best Local Similarity 35.5%; Pred. No. 6.5e-06;
RESULT 1255
ID ADI27187 standard; protein; 713 AA.
DE Mouse LRP binding family protein #22.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 12.2%; Score 183; DB 8; Length 713;
Best Local Similarity 35.5%; Pred. No. 8.4e-06;
RESULT 1256
ID ADI27186 standard; protein; 713 AA.
DE Mouse LRP binding family protein #21.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 12.2%; Score 183; DB 8; Length 713;
Best Local Similarity 35.5%; Pred. No. 8.4e-06;
RESULT 1257
ID ABB62991 standard; protein; 1468 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 15765.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 12.2%; Score 183; DB 4; Length 1468;
Best Local Similarity 27.0%; Pred. No. 2e-05;
RESULT 1258
ID ADN11583 standard; protein; 844 AA.
DE Murine CD91 protein fragment SEQ ID NO: 4.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 12.1%; Score 182.5; DB 8; Length 844;
Best Local Similarity 24.4%; Pred. No. 1.1e-05;
RESULT 1259
ID RAM47959 standard; protein; 1115 AA.
DE Lymnaea stagnalis GPCR GRL101 precursor protein SEQ ID NO 3.
PN WO200188127-A2.
PD 22-NOV-2001.
PA (FARB) BAYER AG.
Query Match 12.1%; Score 182; DB 5; Length 1115;
Best Local Similarity 33.9%; Pred. No. 1.7e-05;
RESULT 1260
ID AER39967 standard; protein; 1115 AA.
DE Human LSLGR polypeptide.
PN WO2003016487-A2.
PD 27-FEB-2003.
PA (STRD) UNIV LELAND STANFORD JUNIOR.
Query Match 12.1%; Score 182; DB 6; Length 1115;
Best Local Similarity 33.9%; Pred. No. 1.7e-05;
RESULT 1261
ID ABO06461 standard; protein; 1115 AA.
DE Great pond snail G-protein coupled receptor GRL101.
PN US2003027323-A1.
PD 06-FEB-2003.
PA (FEDE/) FEDER J N.
PA (MINT/) MINTIER G.
PA (RAMA/) RAMANATHAN C S.
PA (HAWK/) HAWKEN D R.
Query Match 12.1%; Score 182; DB 6; Length 1115;
Best Local Similarity 33.9%; Pred. No. 1.7e-05;
RESULT 1262
ID ABB11383 standard; peptide; 134 AA.
DE Human alpha-2-macroglobulin receptor homologue, SEQ ID NO:1753.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.1%; Score 181.5; DB 4; Length 134;
Best Local Similarity 28.0%; Pred. No. 1.5e-06;
RESULT 1263
ID ADI60370 standard; protein; 134 AA.

DE Secreted polypeptide encoded by gene splice variant #6.
FN WO2003025142-A2.
PD 27-MAR-2003.
PA (HYSE-) HYSEQ INC.
Query Match 12.1%; Score 181.5; DB 7; Length 134;
Best Local Similarity 28.0%; Pred. No. 1.5e-06;
RESULT 1264
ID ABU56740 standard; protein; 310 AA.
DE Lung cancer-associated polypeptide #333.
FN WO200286443-A2.
PD 31-OCT-2002.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 12.1%; Score 181.5; DB 6; Length 310;
Best Local Similarity 27.0%; Pred. No. 4.1e-06;
RESULT 1265
ID ADN39260 standard; protein; 310 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:578.
FN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 12.1%; Score 181.5; DB 7; Length 310;
Best Local Similarity 27.0%; Pred. No. 4.1e-06;
RESULT 1266
ID ADN22357 standard; protein; 2643 AA.
DE Bacterial polypeptide #5010.
FN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 12.1%; Score 181.5; DB 8; Length 2643;
Best Local Similarity 35.8%; Pred. No. 5.2e-05;
RESULT 1267
ID ADT49840 standard; protein; 261 AA.
DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:47.
FN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 12.0%; Score 181; DB 8; Length 261;
Best Local Similarity 30.6%; Pred. No. 3.7e-06;
RESULT 1268
ID ADT49841 standard; protein; 388 AA.
DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:48.
FN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 12.0%; Score 181; DB 8; Length 388;
Best Local Similarity 30.6%; Pred. No. 5.9e-06;
RESULT 1269
ID ADR08628 standard; protein; 644 AA.
DE Human protein useful for treating neurological disease Seq 2134.
FN EPI447413-A2.
PD 18-AUG-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 12.0%; Score 181; DB 8; Length 644;
Best Local Similarity 35.7%; Pred. No. 1.1e-05;
RESULT 1270
ID ADP21771 standard; protein; 84 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A7.
FN WO200404011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 11.9%; Score 179; DB 8; Length 84;
Best Local Similarity 34.2%; Pred. No. 1.4e-06;
RESULT 1271
ID ADT49839 standard; protein; 444 AA.
DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:46.
FN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 11.8%; Score 177; DB 8; Length 444;

Best Local Similarity 31.1%; Pred. No. 1.4e-05;
RESULT 1272
ID AAG0384 standard; protein; 136 AA.
DE Human secreted protein, SEQ ID NO: 4465.
FN EPI033401-A2.
PD 06-SEP-2000.
PA (GEST) GENSET.
Query Match 11.7%; Score 176.5; DB 3; Length 136;
Best Local Similarity 30.6%; Pred. No. 3.9e-06;
RESULT 1273
ID AU81049 standard; protein; 80 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #18.
FN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 11.7%; Score 175.5; DB 5; Length 80;
Best Local Similarity 32.8%; Pred. No. 2.5e-06;
RESULT 1274
ID ADN96092 standard; protein; 463 AA.
DE Human NOVX polypeptide #73.
FN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATI/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 11.7%; Score 175.5; DB 8; Length 463;
Best Local Similarity 33.1%; Pred. No. 2e-05;
RESULT 1275
ID ABP56624 standard; protein; 700 AA.
DE Human MTSP10 protein SEQ ID NO:23.
FN WO200292841-A2.
PD 21-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 11.7%; Score 175.5; DB 6; Length 700;
Best Local Similarity 37.3%; Pred. No. 3.2e-05;
RESULT 1276
ID ADI10414 standard; protein; 700 AA.
DE Human cell surface protease #23.
FN WO200295007-A2.

PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 11.7%; Score 175.5; DB 7; Length 700;
Best Local Similarity 37.3%; Pred. No. 3.2e-05;
RESULT 1277
ID ADJ46938 standard; protein; 700 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #12.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 11.7%; Score 175.5; DB 8; Length 700;
Best Local Similarity 37.3%; Pred. No. 3.2e-05;
RESULT 1278
ID AAU74757 standard; protein; 850 AA.
DE Human protease PRYS-17 protein sequence.
PN WO200198468-A2.
PD 27-DEC-2001.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 11.7%; Score 175.5; DB 5; Length 850;
Best Local Similarity 37.3%; Pred. No. 4.1e-05;
RESULT 1279
ID AAB43748 standard; protein; 620 AA.
DE Human cancer associated protein sequence SEQ ID NO:1193.
PN WO200055350-A1.
PD 21-SEP-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 11.5%; Score 173.5; DB 3; Length 620;
Best Local Similarity 37.4%; Pred. No. 4e-05;
RESULT 1280
ID AAB19551 standard; protein; 683 AA.
DE Human matriptase (truncated form).
PN WO200053232-A1.
PD 14-SEP-2000.
PA (GEOU) UNIV GEORGETOWN.
Query Match 11.5%; Score 173.5; DB 3; Length 683;
Best Local Similarity 37.4%; Pred. No. 4.5e-05;
RESULT 1281
ID ADL15508 standard; protein; 757 AA.
DE Human NOVX protein to treat human pathological conditions SeqID44.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 757;
Best Local Similarity 37.4%; Pred. No. 5.1e-05;
RESULT 1282
ID ADN42162 standard; protein; 757 AA.
DE Human novel protein NOV 8.
PN US2004033493-A1.
PD 19-FEB-2004.
PA (TCHE/) TCHERNEV V T.
PA (SPYT/) SPYTEK K A.
PA (ZERH/) ZERHUSEN B D.
PA (PATT/) PATTURAJAN M.
PA (SHIM/) SHIMKETS R A.
PA (LILL/) L I L.
PA (GANG/) GANGOLLI E A.
PA (PADI/) PADIGARU M.
PA (ANDE/) ANDERSON D W.
PA (RAST/) RASTELLI L.
PA (MILL/) MILLER C E.
PA (GERL/) GERLACH V.
PA (TAUP/) TAUPIER R J.
PA (GUSE/) GUSEV V Y.
PA (COLM/) COLMAN S D.
PA (WOLE/) WOLENC A R.
PA (PENA/) PENNA C E A.
PA (FURT/) FURTA K.
PA (GROS/) GROSSE W M.
PA (ALSO/) ALSOBROOK J P.
PA (LEPL/) LEPLEY D M.
PA (RIEG/) RIEGER D K.
PA (BURG/) BURGESS C E.
Query Match 11.5%; Score 173.5; DB 8; Length 757;
Best Local Similarity 37.4%; Pred. No. 5.1e-05;
RESULT 1283
ID AAY0284 standard; protein; 762 AA.
DE Human peptidase, HPEP-1 protein sequence.
PN WO200042201-A2.
PD 20-JUL-2000.
PA (INCY-) INCYTE PHARM INC.
Query Match 11.5%; Score 173.5; DB 3; Length 762;
Best Local Similarity 37.4%; Pred. No. 5.2e-05;
RESULT 1284
ID ADO55145 standard; protein; 853 AA.
DE Protein #47 with increased gene expression in renal cell carcinoma.
PN WO2004032842-A2.
PD 22-APR-2004.
PA (VAND-) VAN ANDEL INST.
Query Match 11.5%; Score 173.5; DB 8; Length 853;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1285
ID AAY06671 standard; protein; 855 AA.
DE Tumour antigen derived gene-15 (TAGD-15) protein.
PN WO942120-A1.
PD 26-AUG-1999.
PA (UYAR-) UNIV ARKANSAS.
Query Match 11.5%; Score 173.5; DB 2; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1286
ID AAB19552 standard; protein; 855 AA.
DE Human matriptase.
PN WO200053232-A1.
PD 14-SEP-2000.
PA (GEOU) UNIV GEORGETOWN.
Query Match 11.5%; Score 173.5; DB 3; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1287
ID AAB35465 standard; protein; 855 AA.
DE Human membrane-type serine protease MT-SPI.
PN WO200123524-A2.
PD 05-APR-2001.
PA (REGC) UNIV CALIFORNIA.
Query Match 11.5%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1288
ID AAB98500 standard; protein; 855 AA.
DE Human TAGD-15.
PN WO200129056-A1.
PD 26-APR-2001.
PA (UYAR-) UNIV ARKANSAS.
Query Match 11.5%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1289
ID AAB06930 standard; protein; 855 AA.
DE Human membrane-type serine protease (MTSP) 1.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1290
ID AAO22929 standard; protein; 855 AA.
DE Type II transmembrane serine protease 1 protein SEQ ID No 2.
PN WO200272786-A2.
PD 19-SEP-2002.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1291
ID ADI16816 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 352.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;

RESULT 1292
ID AD116884 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 420.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1293
ID AD116818 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 354.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1294
ID AD116882 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 418.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1295
ID AD116817 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 353.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1296
ID AD116883 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 419.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1297
ID AD116876 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 412.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1298
ID AD116875 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 411.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1299
ID AD116875 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 411.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.5%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
ID AD116875 standard; protein; 855 AA.
DE Human membrane-type serine protease MTSP1 protein Seq ID NO:2.
PN WO200292841-A2.
PD 21-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1300
ID AD116882 standard; protein; 855 AA.
DE Human membrane-type serine protease MTSP1 protein.
PN WO200304179-A2.
PD 30-MAY-2003.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1301

ID AAE29820 standard; protein; 855 AA.
DE Human membrane-type serine protease 1 (MTSP1).
PN WO200277267-A2.
PD 03-OCT-2002.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1302
ID AAE29791 standard; protein; 855 AA.
DE Human membrane-type serine protease, MTSP1.
PN WO200277263-A2.
PD 03-OCT-2002.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1303
ID ABP72376 standard; protein; 855 AA.
DE Transmembrane serine protease 1 (MTSP1).
PN WO2003004681-A2.
PD 16-JAN-2003.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1304
ID ADB97551 standard; protein; 855 AA.
DE Human MTSP1, SEQ ID NO:2.
PN WO2003031585-A2.
PD 17-APR-2003.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1305
ID AD110371 standard; protein; 855 AA.
DE Human cell surface protease #1.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1306
ID ADN39867 standard; protein; 855 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:C237.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 11.5%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1307
ID ADG65326 standard; protein; 855 AA.
DE Human MTSP1.
PN WO2003104394-A2.
PD 18-DEC-2003.
PA (DEND-) DENDREON SAN DIEGO LLC.
Query Match 11.5%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1308
ID ADI28861 standard; protein; 855 AA.
DE Human matricinase (MTSP1) serine protease.
PN WO2004005471-A2.
PD 15-JAN-2004.
PA (DEND-) DENDREON SAN DIEGO LLC.
Query Match 11.5%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1309
ID ADJ46895 standard; protein; 855 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #1.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 11.5%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1310
ID ADN04754 standard; protein; 855 AA.

DE Antipsoriatic protein sequence #558.
PN WO2004028479-A2.
PD 08-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 11.5%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1311
ID ADP23334 standard; protein; 855 AA.
DE PRO polypeptide SEQ ID NO:428.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 11.5%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 5.9e-05;
RESULT 1312
ID ADR66721 standard; protein; 863 AA.
DE Human prostatic carcinoma derived protein SEQ ID 233 #3.
PN WO2004076614-A2.
PD 10-SEP-2004.
PA (HINZ/) HINZMANN B.
PA (DAHL/) DAHL E.
PA (ROSE/) ROSENTHAL A.
PA (HERM/) HERMANN K.
PA (PILA/) PILARSKY C.
Query Match 11.5%; Score 173.5; DB 8; Length 863;
Best Local Similarity 37.4%; Pred. No. 6e-05;
RESULT 1313
ID ADR66379 standard; protein; 863 AA.
DE Human prostatic carcinoma derived protein SEQ ID 233 #2.
PN WO2004076614-A2.
PD 10-SEP-2004.
PA (HINZ/) HINZMANN B.
PA (DAHL/) DAHL E.
PA (ROSE/) ROSENTHAL A.
PA (HERM/) HERMANN K.
PA (PILA/) PILARSKY C.
Query Match 11.5%; Score 173.5; DB 8; Length 863;
Best Local Similarity 37.4%; Pred. No. 6e-05;
RESULT 1314
ID ADP21769 standard; protein; 83 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A4.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 11.5%; Score 173; DB 8; Length 83;
Best Local Similarity 34.2%; Pred. No. 4.1e-06;
RESULT 1315
ID AAM25628 standard; protein; 851 AA.
DE Human protein sequence SEQ ID NO:1143.
PN WO200153455-A2.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match 11.3%; Score 170.5; DB 4; Length 851;
Best Local Similarity 36.6%; Pred. No. 0.0001;
RESULT 1316
ID ABB11428 standard; peptide; 851 AA.
DE Human membrane-type Ser kinase homologue, SEQ ID NO:1798.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 11.3%; Score 170.5; DB 4; Length 851;
Best Local Similarity 36.6%; Pred. No. 0.0001;
RESULT 1317
ID AAM17763 standard; protein; 125 AA.
DE Peptide #4197 encoded by probe for measuring cervical gene expression.
PN WO200157278-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.2%; Score 169; DB 4; Length 125;
Best Local Similarity 32.5%; Pred. No. 1.4e-05;
RESULT 1318
ID AAM30275 standard; protein; 125 AA.
DE Peptide #4312 encoded by probe for measuring placental gene expression.

PN WO200157272-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.2%; Score 169; DB 4; Length 125;
Best Local Similarity 32.5%; Pred. No. 1.4e-05;
RESULT 1319
ID ABB31573 standard; peptide; 125 AA.
DE Peptide #4224 encoded by breast cell single exon nucleic acid probe.
PN WO200157271-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.2%; Score 169; DB 4; Length 125;
Best Local Similarity 32.5%; Pred. No. 1.4e-05;
RESULT 1320
ID ABB51634 standard; peptide; 125 AA.
DE Human liver peptide, SEQ ID NO 30282.
PN WO200157273-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 11.2%; Score 169; DB 4; Length 125;
Best Local Similarity 32.5%; Pred. No. 1.4e-05;
RESULT 1321
ID ADJ67643 standard; protein; 305 AA.
DE Human ovarian specific polypeptide SEQ ID NO:357.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 11.2%; Score 168.5; DB 8; Length 305;
Best Local Similarity 24.5%; Pred. No. 4.4e-05;
RESULT 1322
ID ADN22983 standard; protein; 905 AA.
DE Bacterial polypeptide #5636.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 11.2%; Score 168; DB 8; Length 905;
Best Local Similarity 27.1%; Pred. No. 0.00017;
RESULT 1323
ID ADN22982 standard; protein; 905 AA.
DE Bacterial polypeptide #5635.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 11.2%; Score 168; DB 8; Length 905;
Best Local Similarity 27.1%; Pred. No. 0.00017;
RESULT 1324
ID AAM25612 standard; protein; 670 AA.
DE Human protein sequence SEQ ID NO:1127.
PN WO200153455-A2.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match 11.1%; Score 166.5; DB 4; Length 670;
Best Local Similarity 33.6%; Pred. No. 0.00016;
RESULT 1325
ID ABB04133 standard; protein; 670 AA.
DE Human expressed protein tag (EPT) #799.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 11.1%; Score 166.5; DB 6; Length 670;
Best Local Similarity 33.6%; Pred. No. 0.00016;
RESULT 1326
ID ABP43952 standard; protein; 795 AA.
DE Human PRO618.
PN WO200231111-A2.

PD 18-APR-2002.
 PA (HYSE-) HYSEQ INC.
 Query Match 11.0%; Score 166; DB 5; Length 795;
 Best Local Similarity 34.0%; Pred. No. 0.00021;
 RESULT 1327
 ID AAY41710 standard; protein; 802 AA.
 DE Human PRO618 protein sequence.
 PN WO9946281-A2.
 PD 16-SEP-1999.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 2; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1328
 ID AAB44466 standard; protein; 802 AA.
 DE Human PRO618 (UNQ354) protein sequence SEQ ID NO:169.
 PN WO200053756-A2.
 PD 14-SEP-2000.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 3; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1329
 ID AAB24052 standard; protein; 802 AA.
 DE Human PRO618 protein sequence SEQ ID NO:24.
 PN WO200053754-A1.
 PD 14-SEP-2000.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 3; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1330
 ID AAU82755 standard; protein; 802 AA.
 DE Amino acid sequence of novel human protease #54.
 PN WO200200860-A2.
 PD 03-JAN-2002.
 PA (SUGE-) SUGEN INC.
 Query Match 11.0%; Score 166; DB 5; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1331
 ID ABO25212 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane protein PRO618.
 PN US2003050239-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1332
 ID ABU72218 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane protein PRO618.
 PN US2002192706-A1.
 PD 19-DEC-2002.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1333
 ID ABU84898 standard; protein; 802 AA.
 DE Human secreted and transmembrane polypeptide PRO618.
 PN US2002177553-A1.
 PD 28-NOV-2002.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1334
 ID ABU61096 standard; protein; 802 AA.
 DE Human PRO618 polypeptide.
 PN US2002169284-A1.
 PD 14-NOV-2002.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1335
 ID ABU80365 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein PRO618.
 PN US2003004102-A1.
 PD 02-JAN-2003.

PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1336
 ID ADA24708 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane protein PRO618.
 PN US2003050241-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1337
 ID ABO19667 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane protein PRO618.
 PN US2003050240-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1338
 ID ADA12369 standard; protein; 802 AA.
 DE Human secreted/transmembrane polypeptide PRO618.
 PN US2003055216-A1.
 PD 20-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1339
 ID ABO19558 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane polypeptide #26.
 PN US2003049633-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1340
 ID ADB73675 standard; protein; 802 AA.
 DE Human PRO polypeptide #26.
 PN US2003045462-A1.
 PD 06-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1341
 ID ADB76391 standard; protein; 802 AA.
 DE Human PRO polypeptide #26.
 PN US2003083248-A1.
 PD 01-MAY-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1342
 ID ADC43817 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein, PRO618.
 PN US2003054986-A1.
 PD 20-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1343
 ID ADC61577 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein, PRO618.
 PN US2003049684-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1344
 ID ADC63541 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein, PRO618.
 PN US2003054405-A1.
 PD 20-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 11.0%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 0.00022;
 RESULT 1345
 ID ABU80365 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein PRO618.
 PN US2003004102-A1.
 PD 02-JAN-2003.

ID ADB48503 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003104536-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1364
ID ADB89604 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003130181-A1.
PD 10-JUL-2003.
PA (ASHK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1365
ID ADF61244 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195345-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1366
ID ADF39936 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003198994-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1367
ID ADF45732 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195148-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1368
ID ADF24128 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003204055-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;

RESULT 1369
ID ADF40560 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199021-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1370
ID ADF23504 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203402-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1371
ID ADF33487 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003194780-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1372
ID ADF26954 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199436-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1373
ID ADF27590 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199437-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1374
ID ADF41184 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199435-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1375
ID ADF32863 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003211091-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1376
ID ADF25229 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003211092-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1377
ID ADF26330 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199674-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;

ID ADF34119 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003194410-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1379
ID ADF46356 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195344-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1380
ID ADG50342 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003207803-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1381
ID ADG49718 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003215905-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1382
ID ADG51590 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003215908-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1383
ID ADG49094 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003216305-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1384
ID ADG48470 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003216560-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1385
ID ADG50966 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004005312-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1386
ID ADG58910 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004005657-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1387
ID ADG62366 standard; protein; 802 AA.

DE Human secreted/transmembrane protein, PRO618.
PN US2004006219-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1388
ID ADH25391 standard; protein; 802 AA.
DE Human neurotrophin homologue related protein sequence SEQ ID NO:169.
PN EP1386931-A1.
PD 04-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1389
ID ADM17168 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004048332-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1390
ID ADL07002 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004063921-A1.
PD 01-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1391
ID ADT91615 standard; protein; 802 AA.
DE Human PRO618 protein sequence.
PN AU2002317529-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.0%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 0.00022;
RESULT 1392
ID ABR41132 standard; protein; 1564 AA.
DE Mouse LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 11.0%; Score 166; DB 6; Length 1564;
Best Local Similarity 31.0%; Pred. No. 0.00048;
RESULT 1393
ID ADB98799 standard; protein; 1564 AA.
DE Mouse Zmax1(LRP5).
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 11.0%; Score 166; DB 7; Length 1564;
Best Local Similarity 31.0%; Pred. No. 0.00048;
RESULT 1394
ID ABB71833 standard; protein; 286 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 42291.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 11.0%; Score 165.5; DB 4; Length 286;
Best Local Similarity 30.0%; Pred. No. 7e-05;
RESULT 1395
ID ADH80870 standard; protein; 861 AA.
DE Human polypeptide #187.
PN US2003232054-A1.
PD 18-DEC-2003.
PA (TANG/) TANG Y T.
PA (LIUC/) LIU C.
PA (ASUN/) ASUNDI V.
PA (CHEN/) CHEN R.

PA (QIAN//) QIAN X B.
PA (WANG//) WANG Z W.
PA (WEHR//) WEHRMAN T.
PA (ZHAN//) ZHANG J.
PA (ZHOU//) ZHOU P.
PA (CAOY//) CAO Y.
PA (DRMA//) DRMANAC R T.
Query Match 11.0%; Score 165; DB 8; Length 861;
Best Local Similarity 32.2%; Pred. No. 0.00028;
RESULT 1396
ID AAE06934 standard; protein; 658 AA.
DE Human membrane-type serine protease (MTSP) 4-S splice variant.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 10.9%; Score 164.5; DB 4; Length 658;
Best Local Similarity 36.0%; Pred. No. 0.00023;
RESULT 1397
ID AD110379 standard; protein; 658 AA.
DE Human cell surface protease #5.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 10.9%; Score 164.5; DB 7; Length 658;
Best Local Similarity 36.0%; Pred. No. 0.00023;
RESULT 1398
ID ADJ46903 standard; protein; 658 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #5.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 10.9%; Score 164.5; DB 8; Length 658;
Best Local Similarity 36.0%; Pred. No. 0.00023;
RESULT 1399
ID AAE06933 standard; protein; 802 AA.
DE Human membrane-type serine protease (MTSP) 4-L splice variant.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 10.9%; Score 164.5; DB 4; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00028;
RESULT 1400
ID AD110377 standard; protein; 802 AA.
DE Human cell surface protease #4.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 10.9%; Score 164.5; DB 7; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00028;
RESULT 1401
ID ADJ46901 standard; protein; 802 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #4.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 10.9%; Score 164.5; DB 8; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00028;
RESULT 1402
ID AD116879 standard; protein; 845 AA.
DE African clawed frog NOVX protein homologue SeqID 415.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 10.9%; Score 164.5; DB 5; Length 845;
Best Local Similarity 30.8%; Pred. No. 0.0003;
RESULT 1403
ID ABO01359 standard; protein; 463 AA.
DE Human protein NOV31k.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 10.8%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00021;

RESULT 1404
ID ABO01361 standard; protein; 463 AA.
DE Human protein NOV31m.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 10.8%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00021;
RESULT 1405
ID ABO01356 standard; protein; 463 AA.
DE Human protein NOV31h.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 10.8%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00021;
RESULT 1406
ID ABO01357 standard; protein; 463 AA.
DE Human protein NOV31i.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 10.8%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00021;
RESULT 1407
ID ABO01358 standard; protein; 463 AA.
DE Human protein NOV31j.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 10.8%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00021;
RESULT 1408
ID ABO01360 standard; protein; 463 AA.
DE Human protein NOV31l.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 10.8%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 0.00021;
RESULT 1409
ID ADN96094 standard; protein; 463 AA.
DE Human NOVX polypeptide #74.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON//) ZHONG M.
PA (LILL//) LI L.
PA (GORM//) GORMAN L.
PA (SPYT//) SPYTEK K A.
PA (KEKU//) KEKUDA R.
PA (TAUP//) TAUPIER R J.
PA (ANDE//) ANDERSON D W.
PA (VERN//) VERNET C A M.
PA (CATT//) CATTERTON E.
PA (MILL//) MILLER C E.
PA (SHEN//) SHENOY S G.
PA (PATT//) PATTURAJAN M.
PA (PENA//) PENA C E A.
PA (TCHE//) TCHERNEV V T.
PA (PADI//) PADIGARU M.
PA (GUSE//) GUSEV V Y.
PA (MAY//) MALYANKAR U M.
PA (BURG//) BURGESS C E.
PA (GERL//) GERLACH V.
PA (CASM//) CASMAN S J.
PA (RIEG//) RIEGER D K.
PA (GROS//) GROSSE W M.
PA (SMIT//) SMITHSON G.
PA (PEYM//) PEYMAN J A.
PA (STAR//) STARLING G.
PA (ROTH//) ROTHENBERG M E.
PA (LARO//) LAROCHELLE W J.
PA (SHIM//) SHIMKETS R A.

PA (CRAB/) CRABTREE J.
 PA (RAST/) RASTELLI L.
 PA (VOSS/) VOSS E Z.
 PA (BOLD/) BOLDOG F L.
 PA (EDIN/) EDINGER S R.
 PA (MILL/) MILLET I.
 PA (MACD/) MACDOUGALL J R.
 PA (ELLE/) ELLERMAN K.
 PA (CHAP/) CHAPOVAL A.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 8; Length 463;
 Pred. No. 0.00021;
 RESULT 1410
 ID ADN96088 standard; protein; 463 AA.
 DE Human NOVX polypeptide #71.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON/) ZHONG M.
 PA (LILL/) LI L.
 PA (GORM/) GORMAN L.
 PA (SPYT/) SPYTEK K A.
 PA (KEKU/) KEKUDA R.
 PA (TAUP/) TAUPIER R J.
 PA (ANDE/) ANDERSON D W.
 PA (VERN/) VERNET C A M.
 PA (CATT/) CATTERTON E.
 PA (MILL/) MILLER C E.
 PA (SHEN/) SHENOY S G.
 PA (PATT/) PATTURAJAN M.
 PA (PENA/) PENA C E A.
 PA (TCHE/) TCHERNEV V T.
 PA (PADI/) PADIGARU M.
 PA (GUSE/) GUSEV V Y.
 PA (MALY/) MALYANKAR U M.
 PA (BURG/) BURGESS C E.
 PA (GERL/) GERLACH V.
 PA (CASM/) CASMAN S J.
 PA (RIEG/) RIEGER D K.
 PA (GROS/) GROSSE W M.
 PA (SMIT/) SMITHSON G.
 PA (PEYM/) PEYMAN J A.
 PA (STAR/) STARLING G.
 PA (ROTH/) ROTHENBERG M E.
 PA (LARO/) LAROCHELLE W J.
 PA (SHIM/) SHIMKETS R A.
 PA (CRAB/) CRABTREE J.
 PA (VOSS/) VOSS E Z.
 PA (BOLD/) BOLDOG F L.
 PA (EDIN/) EDINGER S R.
 PA (PATT/) PATTURAJAN M.
 PA (PENA/) PENA C E A.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 8; Length 463;
 Pred. No. 0.00021;
 RESULT 1411
 ID ADN96084 standard; protein; 463 AA.
 DE Human NOVX polypeptide #69.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON/) ZHONG M.
 PA (LILL/) LI L.
 PA (GORM/) GORMAN L.
 PA (SPYT/) SPYTEK K A.
 PA (KEKU/) KEKUDA R.
 PA (TAUP/) TAUPIER R J.
 PA (ANDE/) ANDERSON D W.
 PA (VERN/) VERNET C A M.
 PA (CATT/) CATTERTON E.
 PA (SHEN/) SHENOY S G.
 PA (PATT/) PATTURAJAN M.
 PA (PENA/) PENA C E A.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 8; Length 463;
 Pred. No. 0.00021;
 RESULT 1412
 ID ADN96097 standard; protein; 672 AA.
 DE Human cancer-associated protein HP21-017.1.
 PN WO2004074320-A2.
 PD 02-SEP-2004.
 PA (SAGR-) SAGRES DISCOVERY INC.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 8; Length 463;
 Pred. No. 0.00021;
 RESULT 1413
 ID ADN96076 standard; protein; 780 AA.
 DE Human NOVX polypeptide #65.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON/) ZHONG M.
 PA (LILL/) LI L.
 PA (GORM/) GORMAN L.
 PA (SPYT/) SPYTEK K A.
 PA (KEKU/) KEKUDA R.
 PA (TAUP/) TAUPIER R J.
 PA (ANDE/) ANDERSON D W.
 PA (VERN/) VERNET C A M.
 PA (CATT/) CATTERTON E.
 PA (MILL/) MILLER C E.
 PA (SHEN/) SHENOY S G.
 PA (PATT/) PATTURAJAN M.
 PA (PENA/) PENA C E A.
 PA (TCHE/) TCHERNEV V T.
 PA (PADI/) PADIGARU M.
 PA (GUSE/) GUSEV V Y.
 PA (MALY/) MALYANKAR U M.
 PA (BURG/) BURGESS C E.
 PA (GERL/) GERLACH V.
 PA (CASM/) CASMAN S J.
 PA (RIEG/) RIEGER D K.
 PA (GROS/) GROSSE W M.
 PA (SMIT/) SMITHSON G.
 PA (PEYM/) PEYMAN J A.
 PA (STAR/) STARLING G.
 PA (ROTH/) ROTHENBERG M E.
 PA (LARO/) LAROCHELLE W J.
 PA (SHIM/) SHIMKETS R A.
 PA (CRAB/) CRABTREE J.
 PA (VOSS/) VOSS E Z.
 PA (BOLD/) BOLDOG F L.
 PA (EDIN/) EDINGER S R.
 PA (MILL/) MILLET I.

PA (MACD/) MACDOUGALL J R.
 PA (ELLE/) ELLERMAN K.
 PA (CHAP/) CHAPOVAL A.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 8; Length 780;
 PD 20-MAR-2003; Pred. No. 0.0004;
 RESULT 1414
 ID ABO01353 standard; protein; 837 AA.
 DE Human protein NOV31e.
 PN WO2003023008-A2.
 PD 20-MAR-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 6; Length 837;
 PD 20-MAR-2003; Pred. No. 0.00043;
 RESULT 1415
 ID ADN96078 standard; protein; 837 AA.
 DE Human NOVX polypeptide #66.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON/) ZHONG M.
 PA (LILL/) LI L.
 PA (GORM/) GORMAN L.
 PA (SPYT/) SPYTEK K A.
 PA (KEKU/) KEKUDA R.
 PA (TAUP/) TAUPIER R J.
 PA (AND/) ANDERSON D W.
 PA (VERN/) VERNET C A M.
 PA (CATT/) CATTERTON E.
 PA (MILL/) MILLER C E.
 PA (SHEN/) SHENOY S G.
 PA (PATT/) PATTURAJAN M.
 PA (PENA/) PENA C E A.
 PA (TCH/) TCHERNEV V T.
 PA (PADI/) PADIGARU M.
 PA (GUSE/) GUSEV V Y.
 PA (MALY/) MALYANKAR U M.
 PA (BURG/) BURGESS C E.
 PA (GERL/) GERLACH V.
 PA (CASM/) CASMAN S J.
 PA (RIEG/) RIEGER D K.
 PA (GROS/) GROSSE W M.
 PA (SMIT/) SMITHSON G.
 PA (PEYM/) PEYMAN J A.
 PA (STAR/) STARLING G.
 PA (ROTH/) ROTHENBERG M E.
 PA (LARO/) LAROCHELLE W J.
 PA (SHIM/) SHIMKETS R A.
 PA (CRAB/) CRABTREE J.
 PA (RAST/) RASTELLI L.
 PA (VOSS/) VOSS E Z.
 PA (BOLD/) BOLDOG F L.
 PA (EDIN/) EDINGER S R.
 PA (MILL/) MILLET I.
 PA (MACD/) MACDOUGALL J R.
 PA (ELLE/) ELLERMAN K.
 PA (CHAP/) CHAPOVAL A.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 8; Length 837;
 PD 15-FEB-2001; Pred. No. 0.00043;
 RESULT 1416
 ID AAS70544 standard; protein; 840 AA.
 DE Human PRO14 protein sequence SEQ ID NO:28.
 PN WO200110902-A2.
 PD 15-FEB-2001.
 PA (CURA-) CURAGEN CORP.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 4; Length 840;
 PD 15-FEB-2001; Pred. No. 0.00043;
 RESULT 1417
 ID ABO01352 standard; protein; 840 AA.
 DE Human protein NOV31d.
 PN WO2003023008-A2.
 PD 20-MAR-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 6; Length 840;
 PD 15-APR-1999; Pred. No. 0.00043;

RESULT 1418
 ID ABO01349 standard; protein; 840 AA.
 DE Human protein NOV31a.
 PN WO2003023008-A2.
 PD 20-MAR-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 6; Length 840;
 PD 20-MAR-2003; Pred. No. 0.00043;
 RESULT 1419
 ID ABO01364 standard; protein; 840 AA.
 DE Human protein NOV31p.
 PN WO2003023008-A2.
 PD 20-MAR-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 6; Length 840;
 PD 20-MAR-2003; Pred. No. 0.00043;
 RESULT 1420
 ID ADN96070 standard; protein; 840 AA.
 DE Human NOVX polypeptide #62.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON/) ZHONG M.
 PA (LILL/) LI L.
 PA (GORM/) GORMAN L.
 PA (SPYT/) SPYTEK K A.
 PA (KEKU/) KEKUDA R.
 PA (TAUP/) TAUPIER R J.
 PA (AND/) ANDERSON D W.
 PA (VERN/) VERNET C A M.
 PA (CATT/) CATTERTON E.
 PA (MILL/) MILLER C E.
 PA (SHEN/) SHENOY S G.
 PA (PATT/) PATTURAJAN M.
 PA (PENA/) PENA C E A.
 PA (TCH/) TCHERNEV V T.
 PA (PADI/) PADIGARU M.
 PA (GUSE/) GUSEV V Y.
 PA (MALY/) MALYANKAR U M.
 PA (BURG/) BURGESS C E.
 PA (GERL/) GERLACH V.
 PA (CASM/) CASMAN S J.
 PA (RIEG/) RIEGER D K.
 PA (GROS/) GROSSE W M.
 PA (SMIT/) SMITHSON G.
 PA (PEYM/) PEYMAN J A.
 PA (STAR/) STARLING G.
 PA (ROTH/) ROTHENBERG M E.
 PA (LARO/) LAROCHELLE W J.
 PA (SHIM/) SHIMKETS R A.
 PA (CRAB/) CRABTREE J.
 PA (RAST/) RASTELLI L.
 PA (VOSS/) VOSS E Z.
 PA (BOLD/) BOLDOG F L.
 PA (EDIN/) EDINGER S R.
 PA (MILL/) MILLET I.
 PA (MACD/) MACDOUGALL J R.
 PA (ELLE/) ELLERMAN K.
 PA (CHAP/) CHAPOVAL A.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 8; Length 840;
 PD 15-APR-1999; Pred. No. 0.00043;
 RESULT 1421
 ID ABO01363 standard; protein; 858 AA.
 DE Human protein NOV31o.
 PN WO2003023008-A2.
 PD 20-MAR-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match
 Best Local Similarity 10.8%; Score 162.5; DB 6; Length 858;
 PD 15-APR-1999; Pred. No. 0.00044;
 RESULT 1422
 ID AAY02381 standard; protein; 859 AA.
 DE Polypeptide identified by the signal sequence trap method.
 PN WO9918126-A1.
 PD 15-APR-1999.

PA (ONOX) ONO PHARM CO LTD.
Query Match 10.8%; Score 162.5; DB 2; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1423
ID AAB42317 standard; protein; 859 AA.
DE Human ORFX ORF2081 polypeptide sequence SEQ ID NO:4162.
PN WO200058473-A2.
PD 05-OCT-2000.
PA (CURA-) CURAGEN CORP.
Query Match 10.8%; Score 162.5; DB 3; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1424
ID AAM24052 standard; protein; 859 AA.
DE Human EST encoded protein SEQ ID NO: 1577.
PN WO200154477-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 10.8%; Score 162.5; DB 4; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1425
ID AAU14552 standard; protein; 859 AA.
DE Human novel protein #423.
PN WO200155437-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 10.8%; Score 162.5; DB 4; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1426
ID AAU14316 standard; protein; 859 AA.
DE Human novel protein #187.
PN WO200155437-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 10.8%; Score 162.5; DB 4; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1427
ID ABO01355 standard; protein; 859 AA.
DE Human protein NOV31g.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 10.8%; Score 162.5; DB 6; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1428
ID ADN96082 standard; protein; 859 AA.
DE Human NOVX polypeptide #68.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PEN/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (WALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.

PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLIE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 10.8%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1429
ID ADO20151 standard; protein; 859 AA.
DE Human PRO polypeptide #530.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 10.8%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1430
ID ABO84698 standard; protein; 859 AA.
DE Human cancer-associated protein HP21-017.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 10.8%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1431
ID ADP25177 standard; protein; 859 AA.
DE PRO polypeptide SEQ ID NO:2355.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 10.8%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1432
ID ADF24064 standard; protein; 859 AA.
DE PRO polypeptide SEQ ID NO:1242.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 10.8%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00044;
RESULT 1433
ID ABB11898 standard; peptide; 883 AA.
DE Human ST7 protein homologue, SEQ ID NO:2268.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 10.8%; Score 162.5; DB 4; Length 883;
Best Local Similarity 32.2%; Pred. No. 0.00046;
RESULT 1434
ID AAO20441 standard; protein; 894 AA.
DE Protein of the human cancer suppressor gene 98.
PN CN1328030-A.
PD 26-DEC-2001.
PA (BODE-) BODE GENE DEV CO LTD SHANGHAI.
Query Match 10.8%; Score 162.5; DB 5; Length 894;
Best Local Similarity 32.2%; Pred. No. 0.00047;
RESULT 1435
ID ADN96100 standard; protein; 840 AA.
DE Human NOVX polypeptide #77.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.

PA (ANDE//) ANDERSON D W.
 PA (VERN//) VERNET C A M.
 PA (CATT//) CATTERTON E.
 PA (MILL//) MILLER C E.
 PA (SHEN//) SHENOY S G.
 PA (PATT//) PATTURAJAN M.
 PA (PENA//) PENA C E A.
 PA (TCHE//) TCHERNEV V T.
 PA (PADI//) PADIGARU M.
 PA (GUSE//) GUSEV V Y.
 PA (MALT//) MALYANKAR U M.
 PA (BURG//) BURGESS C E.
 PA (GERL//) GERLACH V.
 PA (CASM//) CASMAN S J.
 PA (RIEG//) RIEGER D K.
 PA (GROS//) GROSSE W M.
 PA (SMIT//) SMITHSON G.
 PA (PEYM//) PEYMAN J A.
 PA (STAR//) STARLING G.
 PA (ROTH//) ROTHENBERG M E.
 PA (LARO//) LAROCHELLE W J.
 PA (CRAB//) CRABTREE J.
 PA (VOSS//) VOSS E Z.
 PA (BOLD//) BOLDOG F L.
 PA (EDIN//) EDINGER S R.
 PA (MILL//) MILLET I.
 PA (MACD//) MACDOUGALL J R.
 PA (ELLE//) ELLERMAN K.
 PA (CHAP//) CHAPOVAL A.
 Query Match
 Best Local Similarity 10.8%; Score 162; DB 8; Length 840;
 RESULT 1436
 ID A081054 standard; protein; 86 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #23.
 PN WO200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match
 Best Local Similarity 10.7%; Score 161.5; DB 5; Length 86;
 RESULT 1437
 ID A001362 standard; protein; 463 AA.
 DE Human protein NOV31n.
 PN WO2003023008-A2.
 PD 20-MAR-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match
 Best Local Similarity 10.7%; Score 161.5; DB 6; Length 463;
 RESULT 1438
 ID A096090 standard; protein; 463 AA.
 DE Human NOVX polypeptide #72.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON//) ZHONG M.
 PA (LILL//) LI L.
 PA (GORM//) GORMAN L.
 PA (SPYT//) SPYTEK K A.
 PA (KEKU//) KEKUDA R.
 PA (TAUP//) TAUPIER R J.
 PA (ANDR//) ANDERSON D W.
 PA (VERN//) VERNET C A M.
 PA (CATT//) CATTERTON E.
 PA (MILL//) MILLER C E.
 PA (SHEN//) SHENOY S G.
 PA (PATT//) PATTURAJAN M.
 PA (TCHE//) TCHERNEV V T.
 PA (PADI//) PADIGARU M.
 PA (GUSE//) GUSEV V Y.
 PA (MALT//) MALYANKAR U M.
 PA (BURG//) BURGESS C E.
 PA (GERL//) GERLACH V.
 PA (CASM//) CASMAN S J.
 PA (RIEG//) RIEGER D K.
 PA (GROS//) GROSSE W M.
 PA (SMIT//) SMITHSON G.
 PA (PEYM//) PEYMAN J A.
 PA (STAR//) STARLING G.
 PA (ROTH//) ROTHENBERG M E.
 PA (LARO//) LAROCHELLE W J.
 PA (CRAB//) CRABTREE J.
 PA (VOSS//) VOSS E Z.
 PA (BOLD//) BOLDOG F L.
 PA (EDIN//) EDINGER S R.
 PA (MILL//) MILLET I.
 PA (MACD//) MACDOUGALL J R.
 PA (ELLE//) ELLERMAN K.
 PA (CHAP//) CHAPOVAL A.
 Query Match
 Best Local Similarity 10.7%; Score 161.5; DB 8; Length 463;
 RESULT 1440
 ID A096137 standard; protein; 435 AA.
 DE Human TNF receptor 2 related protein/LTRbeta SEQ ID NO:19.
 PN WO2003012037-A2.
 PD 13-FEB-2003.
 PA (INCY-) INCYTE GENOMICS INC.
 Query Match
 Best Local Similarity 10.7%; Score 160.5; DB 6; Length 435;
 RESULT 1441
 PA (BURG//) BURGESS C E.
 PA (GERL//) GERLACH V.

PA (CASM//) CASMAN S J.
 PA (RIEG//) RIEGER D K.
 PA (GROS//) GROSSE W M.
 PA (SMIT//) SMITHSON G.
 PA (PEYM//) PEYMAN J A.
 PA (STAR//) STARLING G.
 PA (ROTH//) ROTHENBERG M E.
 PA (LARO//) LAROCHELLE W J.
 PA (CRAB//) CRABTREE J.
 PA (VOSS//) VOSS E Z.
 PA (BOLD//) BOLDOG F L.
 PA (EDIN//) EDINGER S R.
 PA (MILL//) MILLET I.
 PA (MACD//) MACDOUGALL J R.
 PA (ELLE//) ELLERMAN K.
 PA (CHAP//) CHAPOVAL A.
 Query Match
 Best Local Similarity 10.7%; Score 161.5; DB 8; Length 463;
 RESULT 1439
 ID A096096 standard; protein; 463 AA.
 DE Human NOVX polypeptide #75.
 PN US2004067490-A1.
 PD 08-APR-2004.
 PA (ZHON//) ZHONG M.
 PA (LILL//) LI L.
 PA (GORM//) GORMAN L.
 PA (SPYT//) SPYTEK K A.
 PA (KEKU//) KEKUDA R.
 PA (TAUP//) TAUPIER R J.
 PA (ANDR//) ANDERSON D W.
 PA (VERN//) VERNET C A M.
 PA (CATT//) CATTERTON E.
 PA (MILL//) MILLER C E.
 PA (SHEN//) SHENOY S G.
 PA (PATT//) PATTURAJAN M.
 PA (TCHE//) TCHERNEV V T.
 PA (PADI//) PADIGARU M.
 PA (GUSE//) GUSEV V Y.
 PA (MALT//) MALYANKAR U M.
 PA (BURG//) BURGESS C E.
 PA (GERL//) GERLACH V.
 PA (CASM//) CASMAN S J.
 PA (RIEG//) RIEGER D K.
 PA (GROS//) GROSSE W M.
 PA (SMIT//) SMITHSON G.
 PA (PEYM//) PEYMAN J A.
 PA (STAR//) STARLING G.
 PA (ROTH//) ROTHENBERG M E.
 PA (LARO//) LAROCHELLE W J.
 PA (CRAB//) CRABTREE J.
 PA (VOSS//) VOSS E Z.
 PA (BOLD//) BOLDOG F L.
 PA (EDIN//) EDINGER S R.
 PA (MILL//) MILLET I.
 PA (MACD//) MACDOUGALL J R.
 PA (ELLE//) ELLERMAN K.
 PA (CHAP//) CHAPOVAL A.
 Query Match
 Best Local Similarity 10.7%; Score 161.5; DB 8; Length 463;
 RESULT 1440
 ID A096137 standard; protein; 435 AA.
 DE Human TNF receptor 2 related protein/LTRbeta SEQ ID NO:19.
 PN WO2003012037-A2.
 PD 13-FEB-2003.
 PA (INCY-) INCYTE GENOMICS INC.
 Query Match
 Best Local Similarity 10.7%; Score 160.5; DB 6; Length 435;
 RESULT 1441
 PA (BURG//) BURGESS C E.
 PA (GERL//) GERLACH V.

ID ABR40220 standard; protein; 435 AA.
DE Human genoxin.
PN WO2003011322-A1.
PD 13-FEB-2003.
PA (GEST) GENSET SA.
Query Match 10.7%; Score 160.5; DB 6; Length 435;
Best Local Similarity 25.3%; Pred. No. 0.00029;
RESULT 1442
ID ABU89821 standard; protein; 435 AA.
DE TNF-receptor associated factor 5 (TRAF5) interacting protein #1.
PN WO2003031571-A2.
PD 17-APR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 10.7%; Score 160.5; DB 6; Length 435;
Best Local Similarity 25.3%; Pred. No. 0.00029;
RESULT 1443
ID ADP50693 standard; protein; 435 AA.
DE Human lymphotoxin-beta protein.
PN EP136619-A2.
PD 20-AUG-2003.
PA (MILL-) MILLENIUM PHARM INC.
Query Match 10.7%; Score 160.5; DB 7; Length 435;
Best Local Similarity 25.3%; Pred. No. 0.00029;
RESULT 1444
ID ASB85509 standard; protein; 435 AA.
DE Human protein sequence hCF41584.
PN WO2003073826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
Query Match 10.7%; Score 160.5; DB 7; Length 435;
Best Local Similarity 25.3%; Pred. No. 0.00029;
RESULT 1445
ID ADJ67639 standard; protein; 435 AA.
DE Human ovarian specific polypeptide SEQ ID NO:353.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 10.7%; Score 160.5; DB 8; Length 435;
Best Local Similarity 25.3%; Pred. No. 0.00029;
RESULT 1446
ID ASB81346 standard; protein; 435 AA.
DE Tumour-associated antigenic target (TAT) polypeptide PRO2622, SEQ:3477.
PN WO2004030615-A2.
PD 15-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 10.7%; Score 160.5; DB 8; Length 435;
Best Local Similarity 25.3%; Pred. No. 0.00029;
RESULT 1447
ID ASB83610 standard; protein; 446 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3859.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 10.7%; Score 160.5; DB 8; Length 446;
Best Local Similarity 25.3%; Pred. No. 0.0003;
RESULT 1448
ID ADJ67640 standard; protein; 450 AA.
DE Human ovarian specific polypeptide SEQ ID NO:354.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 10.7%; Score 160.5; DB 8; Length 450;
Best Local Similarity 25.3%; Pred. No. 0.0003;
RESULT 1449
ID ASB04696 standard; protein; 671 AA.
DE Mouse cancer-associated protein MP21-017.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 10.7%; Score 160.5; DB 8; Length 671;
Best Local Similarity 32.2%; Pred. No. 0.00048;
RESULT 1450
ID AAU81064 standard; protein; 81 AA.

DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #33.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 10.6%; Score 159.5; DB 5; Length 81;
Best Local Similarity 30.9%; Pred. No. 4.8e-05;
RESULT 1451
ID ASG01304 standard; protein; 51 AA.
DE Novel human diagnostic protein #1295.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 10.6%; Score 159; DB 4; Length 51;
Best Local Similarity 100.0%; Pred. No. 3e-05;
RESULT 1452
ID ABG18404 standard; protein; 51 AA.
DE Novel human diagnostic protein #18395.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 10.6%; Score 159; DB 4; Length 51;
Best Local Similarity 100.0%; Pred. No. 3e-05;
RESULT 1453
ID ABP96136 standard; protein; 399 AA.
DE Human TNF receptor 2 related protein variant SEQ ID NO:1.
PN WO2003012037-A2.
PD 13-FEB-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 10.5%; Score 158.5; DB 6; Length 399;
Best Local Similarity 27.3%; Pred. No. 0.00037;
RESULT 1454
ID ADJ67638 standard; protein; 399 AA.
DE Human ovarian specific polypeptide SEQ ID NO:352.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 10.5%; Score 158.5; DB 8; Length 399;
Best Local Similarity 27.3%; Pred. No. 0.00037;
RESULT 1455
ID ASB83612 standard; protein; 410 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3861.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 10.5%; Score 158.5; DB 8; Length 410;
Best Local Similarity 27.3%; Pred. No. 0.00039;
RESULT 1456
ID ABB70439 standard; protein; 123 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 38109.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 10.5%; Score 157.5; DB 4; Length 123;
Best Local Similarity 29.2%; Pred. No. 0.00011;
RESULT 1457
ID ASB83611 standard; protein; 439 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3860.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 10.5%; Score 157.5; DB 8; Length 439;
Best Local Similarity 25.2%; Pred. No. 0.0005;
RESULT 1458
ID AAU81033 standard; protein; 86 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #2.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 10.4%; Score 156.5; DB 5; Length 86;
Best Local Similarity 31.8%; Pred. No. 8.8e-05;
RESULT 1459
ID ADJ67641 standard; protein; 635 AA.
DE Human ovarian specific polypeptide SEQ ID NO:355.

PN WO2004013311-A2.
FD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 10.4%; Score 156; DB 8; Length 635;
Best Local Similarity 25.2%; Pred. No. 0.001;
RESULT 1460
ID ADP81158 standard; protein; 635 AA.
DE Protein of human ovarian specific gene, SEQ ID No 192.
PN WO2004053079-A2.
FD 24-JUN-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 10.4%; Score 156; DB 8; Length 635;
Best Local Similarity 25.2%; Pred. No. 0.001;
RESULT 1461
ID AAU81046 standard; protein; 108 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #15.
PN WO200192474-A1.
FD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 10.3%; Score 155; DB 5; Length 108;
Best Local Similarity 30.3%; Pred. No. 0.00015;
RESULT 1462
ID ADN96074 standard; protein; 430 AA.
DE Human NOVX polypeptide #64.
PN US2004067490-A1.
FD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOS F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 10.3%; Score 155; DB 8; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.00078;
RESULT 1463
ID ADP81157 standard; protein; 293 AA.
DE Protein of human ovarian specific gene, SEQ ID No 191.
PN WO2004053079-A2.
FD 24-JUN-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 10.3%; Score 154.5; DB 8; Length 293;
Best Local Similarity 26.9%; Pred. No. 0.00054;

RESULT 1464
ID AU81043 standard; protein; 80 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #12.
PN WO200192474-A1.
FD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 10.2%; Score 154; DB 5; Length 80;
Best Local Similarity 28.8%; Pred. No. 0.00013;
RESULT 1465
ID ABG21442 standard; protein; 932 AA.
DE Novel human diagnostic protein #21433.
PN WO200175067-A2.
FD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 10.2%; Score 154; DB 4; Length 932;
Best Local Similarity 33.1%; Pred. No. 0.0023;
RESULT 1466
ID AAM19029 standard; protein; 79 AA.
DE Peptide #5463 encoded by probe for measuring cervical gene expression.
PN WO200157278-A2.
FD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 10.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00014;
RESULT 1467
ID ABE38235 standard; peptide; 79 AA.
DE Peptide #5741 encoded by human foetal liver single exon probe.
PN WO200157277-A2.
FD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 10.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00014;
RESULT 1468
ID AAM31668 standard; protein; 79 AA.
DE Peptide #5705 encoded by probe for measuring placental gene expression.
PN WO200157272-A2.
FD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 10.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00014;
RESULT 1469
ID ABE23413 standard; protein; 79 AA.
DE Protein #5412 encoded by probe for measuring heart cell gene expression.
PN WO200157274-A2.
FD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 10.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00014;
RESULT 1470
ID ABG53088 standard; peptide; 79 AA.
DE Human liver peptide, SEQ ID No 31736.
PN WO200157273-A2.
FD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 10.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00014;
RESULT 1471
ID ABG41186 standard; peptide; 79 AA.
DE Human peptide encoded by genome-derived single exon probe SEQ ID 30851.
PN WO200186003-A2.
FD 15-NOV-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 10.2%; Score 153.5; DB 5; Length 79;
Best Local Similarity 30.4%; Pred. No. 0.00014;
RESULT 1472
ID ADN96086 standard; protein; 463 AA.
DE Human NOVX polypeptide #70.
PN US2004067490-A1.
FD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.

PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R. J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGSE D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHINKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match
Best Local Similarity 10.2%; Score 153.5; DB 8; Length 463;
RESULT 1473 31.4%; Pred. No. 0.0011;
ID ADS10475 standard; protein; 192 AA.
DE Human therapeutic protein - SEQ ID 712.
PN WO2004080148-A2.
PD 23-SEP-2004.
PA (NUVE-) NUVELO INC.
Query Match
Best Local Similarity 10.1%; Score 152.5; DB 8; Length 192;
RESULT 1474 29.0%; Pred. No. 0.00047;
ID AAE11928 standard; protein; 639 AA.
DE Human CGI68 (or C595) receptor protein #1.
PN WO200179446-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match
Best Local Similarity 10.1%; Score 152.5; DB 4; Length 639;
RESULT 1475 29.0%; Pred. No. 0.002;
ID AAU81051 standard; protein; 68 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #20.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match
Best Local Similarity 10.1%; Score 152; DB 5; Length 68;
RESULT 1476 30.2%; Pred. No. 0.00015;
ID ABR43309 standard; protein; 376 AA.
DE Human lipid-associated molecule LIPAM-14 protein SEQ ID NO:14.
PN WO2003025150-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match
Best Local Similarity 10.1%; Score 152; DB 6; Length 376;
RESULT 1477 27.8%; Pred. No. 0.0011;
ID ABG18412 standard; protein; 165 AA.
DE Novel human diagnostic protein #18403.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.

Query Match
Best Local Similarity 10.1%; Score 151.5; DB 4; Length 165;
RESULT 1478 28.9%; Pred. No. 0.00048;
ID AAU00398 standard; protein; 430 AA.
DE Human secreted protein, POLY10.
PN WO200119856-A2.
PD 22-MAR-2001.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 10.0%; Score 151; DB 4; Length 430;
RESULT 1479 29.2%; Pred. No. 0.0016;
ID ABO01351 standard; protein; 430 AA.
DE Human protein NOV31c.
PN WO2003033008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 10.0%; Score 151; DB 6; Length 430;
RESULT 1480 29.2%; Pred. No. 0.0016;
ID ADH89022 standard; protein; 430 AA.
DE Human POLYX polypeptide #10.
PN US2003198958-A1.
PD 23-OCT-2003.
PA (SHIM/) SHINKETS R A.
PA (FERN/) FERNANDES E.
PA (HERR/) HERRMANN J L.
PA (LIUX/) LIU X.
PA (YANG/) YANG M.
PA (BOLD/) BOLDOG F L.
PA (SMIT/) SMITHSON G.
PA (RAST/) RASTELLI L.
Query Match
Best Local Similarity 10.0%; Score 151; DB 8; Length 430;
RESULT 1481 29.2%; Pred. No. 0.0016;
ID AAB70545 standard; protein; 449 AA.
DE Human PRO15 protein sequence SEQ ID NO:30.
PN WO200110902-A2.
PD 15-FEB-2001.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 10.0%; Score 151; DB 4; Length 449;
RESULT 1482 29.2%; Pred. No. 0.0017;
ID ABO01350 standard; protein; 449 AA.
DE Human protein NOV31b.
PN WO2003033008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 10.0%; Score 151; DB 6; Length 449;
RESULT 1483 29.2%; Pred. No. 0.0017;
ID ADN96072 standard; protein; 449 AA.
DE Human NOVX polypeptide #63.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.

Best Local Similarity 33.0%; Pred. No. 0.0011;
RESULT 1495
ID ABB10539 standard; protein; 179 AA.
DE Human cDNA SEQ ID NO: 847.
PN WO200154474-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 9.8%; Score 147.5; DB 4; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.0011;
RESULT 1496
ID ABJ05766 standard; protein; 179 AA.
DE Novel human protein SEQ ID NO 115.
PN US2002086330-A1.
PD 04-JUL-2002.
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match 9.8%; Score 147.5; DB 5; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.0011;
RESULT 1497
ID ABP67126 standard; protein; 179 AA.
DE Human polypeptide SEQ ID NO 847.
PN US2002090672-A1.
PD 11-JUL-2002.
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match 9.8%; Score 147.5; DB 5; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.0011;
RESULT 1498
ID ABU97305 standard; protein; 179 AA.
DE Human polypeptide #47.
PN US2003013649-A1.
PD 16-JAN-2003.
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match 9.8%; Score 147.5; DB 6; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.0011;
RESULT 1499
ID AAU16984 standard; protein; 478 AA.
DE Human novel secreted protein, SEQ ID 225.
PN WO200155441-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 9.8%; Score 147.5; DB 4; Length 478;
Best Local Similarity 33.0%; Pred. No. 0.0035;
RESULT 1500
ID ABB10372 standard; protein; 487 AA.
DE Human cDNA SEQ ID NO: 680.
PN WO200154474-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 9.8%; Score 147.5; DB 4; Length 487;
Best Local Similarity 33.0%; Pred. No. 0.0035;

GenCore version 5.1.1.6
OM protein - protein search, using sw model
Run on: June 29, 2005, 11:07:07 ; Search time 90.2212 Seconds
(without alignments)
981.678 Million cell updates/sec

Title: US-09-904-532B-127_COPY_1_229
Perfect score: 1260
Sequence: 1 MSGGWAQVGVWRTGALGIA.....SVGNATSSSAGDSGSGFTAY 229
Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
Total number of hits satisfying chosen parameters: 2105692
Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Maximum Match 100%

Database :
Listing first 1500 summaries
1: A_Geneseq16Dec04:*
2: Genesecp19808:*
3: Genesecp19908:*
4: Genesecp20008:*
5: Genesecp20018:*
6: Genesecp20028:*
7: Genesecp20038:*
8: Genesecp20048:*
Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

No.	Score	Match	Length	DB	ID	Summary	Description
RESULT 1							
ID	AA13365	standard;	protein;	282	AA.		
DE	Amino acid sequence of protein PRO224.						
PN	WO9914328-A2.						
PD	25-MAR-1999.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	2;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 2							
ID	AA132926	standard;	protein;	282	AA.		
DE	Transmembrane domain containing protein clone HPO2375.						
PN	WO9943802-A2.						
PD	02-SEP-1999.						
PA	(SAGA) SAGAMI CHEM RES CENT.						
PA	(PROT-) PROTEGENE INC.						
Query Match	100.0%;	Score	1260;	DB	2;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 3							
ID	AA24398	standard;	protein;	282	AA.		
DE	Human PRO224 protein sequence SEQ ID NO:51.						
PN	WO200032221-A2.						
PD	08-JUN-2000.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	3;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 4							
ID	AA195342	standard;	protein;	282	AA.		
DE	Human PRO224 antitumour protein.						
PN	WO200037638-A2.						
PD	29-JUN-2000.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	3;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 5							
ID	AA197290	standard;	protein;	282	AA.		
DE	Lipid associated protein (LIPAP) 1802851CD1.						
PN	WO200049043-A2.						
PD	24-AUG-2000.						
PA	(INCY-) INCYTE PHARM INC.						
Query Match	100.0%;	Score	1260;	DB	3;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 6							
ID	ABU71466	standard;	protein;	282	AA.		

ID	ADC78447	standard;	protein;	282	AA.		
DE	Human PRO224 protein.						
PN	WO200015796-A2.						
PD	23-MAR-2000.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	3;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 7							
ID	AA80233	standard;	protein;	282	AA.		
DE	Human PRO224 protein.						
PN	WO200104311-A1.						
PD	18-JAN-2001.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	4;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 8							
ID	AAU12327	standard;	protein;	282	AA.		
DE	Human PRO224 polypeptide sequence.						
PN	WO200140466-A2.						
PD	07-JUN-2001.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	4;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 9							
ID	AA53079	standard;	protein;	282	AA.		
DE	Human angiogenesis-associated protein PRO224, SEQ ID NO:77.						
PN	WO200053753-A2.						
PD	14-SEP-2000.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	4;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 10							
ID	AA38847	standard;	protein;	282	AA.		
DE	Human polypeptide SEQ ID NO 1992.						
PN	WO200153312-A1.						
PD	26-JUL-2001.						
PA	(HYSE-) HYSEQ INC.						
Query Match	100.0%;	Score	1260;	DB	4;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 11							
ID	ABU52728	standard;	protein;	282	AA.		
DE	Human metabolism-associated protein from DKF2phfbr2_62o17.						
PN	WO200112659-A2.						
PD	22-FEB-2001.						
PA	(GEHU-) GERMAN HUMAN GENOME PROJECT.						
Query Match	100.0%;	Score	1260;	DB	4;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 12							
ID	AB90364	standard;	protein;	282	AA.		
DE	Human polypeptide SEQ ID NO 2740.						
PN	WO200190304-A2.						
PD	29-NOV-2001.						
PA	(HUMA-) HUMAN GENOME SCI INC.						
Query Match	100.0%;	Score	1260;	DB	5;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 13							
ID	ABU71611	standard;	protein;	282	AA.		
DE	Human PRO polypeptide #22.						
PN	US2002146709-A1.						
PD	10-OCT-2002.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	6;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 14							
ID	ABO17771	standard;	protein;	282	AA.		
DE	Novel human secreted and transmembrane protein PRO224.						
PN	US2003032156-A1.						
PD	13-FEB-2003.						
PA	(GETH) GENENTECH INC.						
Query Match	100.0%;	Score	1260;	DB	6;	Length	282;
Best Local Similarity	100.0%;	Pred.	No. 8e-94;				
RESULT 15							
ID	ABU71466	standard;	protein;	282	AA.		

DE Human PRO polypeptide #22.
 PN US2002192659-A1.
 PD 19-DEC-2002.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 16
 ID ABJ37041 standard; protein; 282 AA.
 DE Human breast cancer / ovarian cancer related protein #17.
 PN WO2003000012-A2.
 PD 03-JAN-2003.
 PA (MILL-) MILLENNIUM PHARM INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 17
 ID ABU81025 standard; protein; 282 AA.
 DE Human PRO polypeptide #156.
 PN US2003004311-A1.
 PD 02-JAN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 18
 ID ABU71912 standard; protein; 282 AA.
 DE Human secreted/transmembrane protein PRO224.
 PN US2003003530-A1.
 PD 02-JAN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 19
 ID ABO01795 standard; protein; 282 AA.
 DE Novel human secreted and transmembrane protein PRO224.
 PN US2002197671-A1.
 PD 26-DEC-2002.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 20
 ID ABU66725 standard; protein; 282 AA.
 DE Human PRO polypeptide #156.
 PN US2003036180-A1.
 PD 20-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 21
 ID ABU54368 standard; protein; 282 AA.
 DE Human secreted/transmembrane protein PRO224.
 PN US2002132240-A1.
 PD 19-SEP-2002.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 22
 ID ABO47383 standard; protein; 282 AA.
 DE Human secreted/transmembrane polypeptide PRO224.
 PN US2003044839-A1.
 PD 06-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 23
 ID ABUS9806 standard; protein; 282 AA.
 DE Novel secreted and transmembrane protein PRO224.
 PN US2003017563-A1.
 PD 23-JAN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 24
 ID ABO24996 standard; protein; 282 AA.
 DE Human secreted/transmembrane protein (PRO) #156.
 PN US2003092002-A1.

PN US2003036179-A1.
 PD 20-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 25
 ID ABU64520 standard; protein; 282 AA.
 DE Human secreted/transmembrane protein, #24.
 PN US2002160374-A1.
 PD 31-OCT-2002.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 26
 ID ABU67366 standard; protein; 282 AA.
 DE Human secreted protein PRO224.
 PN US2003023054-A1.
 PD 30-JAN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 27
 ID ABO14886 standard; protein; 282 AA.
 DE Human secreted / transmembrane polypeptide PRO224.
 PN US2003036060-A1.
 PD 20-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 28
 ID ABU67001 standard; protein; 282 AA.
 DE Human secreted/transmembrane, PRO, protein SEQ ID 312.
 PN US2003032155-A1.
 PD 13-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 29
 ID ABU69643 standard; protein; 282 AA.
 DE Novel human secreted and transmembrane protein PRO224.
 PN US2003017463-A1.
 PD 23-JAN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 30
 ID ABO14825 standard; protein; 282 AA.
 DE Human secreted / transmembrane polypeptide PRO224.
 PN US2003027143-A1.
 PD 06-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 31
 ID ADA45831 standard; protein; 282 AA.
 DE Novel human secreted and transmembrane protein PRO224.
 PN US2003022328-A1.
 PD 30-JAN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 32
 ID ADA76262 standard; protein; 282 AA.
 DE Human PRO polypeptide #156.
 PN US2003073212-A1.
 PD 17-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 100.0%; Score 1260; DB 6; Length 282;
 Best Local Similarity 100.0%; Pred. No. 8e-94;
 RESULT 33
 ID ADB29332 standard; protein; 282 AA.
 DE Human secreted/transmembrane protein, #26.
 PN US2003092002-A1.

PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 34
ID ADA18912 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003054517-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 35
ID ADA61535 standard; protein; 282 AA.
DE Homo sapiens.
PN US2003049816-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 36
ID ADB19320 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003068796-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 37
ID ADB27861 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082704-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 38
ID ADA86340 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082711-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 39
ID ADB15904 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087350-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 40
ID ADA47690 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073215-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 41
ID ADA18188 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039971-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 42
ID ABO32777 standard; protein; 282 AA.
DE Human secreted/transmembrane protein PRO224.
PN US2003045693-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.

PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 43
ID ADA67485 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068795-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 44
ID ADB30492 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068794-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 45
ID ADA85788 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082693-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 46
ID ADA97000 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082705-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 47
ID ADA79304 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082763-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 48
ID ADA87443 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087345-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 49
ID ADB16645 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087349-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 50
ID ABO34837 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2003044793-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 51
ID ADA16163 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049621-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.

```
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 52
ID ADA91737 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082694-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 53
ID ADB14800 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087351-A1.
PD 08-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 54
ID ADB18761 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003073211-A1.
PD 17-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 55
ID ADA93976 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077732-A1.
PD 24-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 56
ID ADB19872 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082691-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 57
ID ADB13184 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082710-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 58
ID ABO43304 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003044945-A1.
PD 06-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 59
ID ADA74438 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068798-A1.
PD 10-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 60
ID ADA23208 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054401-A1.
PD 20-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 61
ID ADB24671 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US2003077713-A1.
PD 24-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 62
ID ADA82195 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082701-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 63
ID ADA75158 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073216-A1.
PD 17-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 64
ID ADA85236 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082695-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 65
ID ADA84684 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082708-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 66
ID ABO17515 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US200306437-A1.
PD 03-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 67
ID ADB29940 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003073214-A1.
PD 17-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 68
ID ADA80468 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082761-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 69
ID ADA75710 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082703-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
RESULT 70
ID ADA23208 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054401-A1.
PD 20-MAR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 6; Length 282;
```


ID ADA95896 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082759-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 80
ID ADB26205 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082760-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 81
ID ADB21690 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082765-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 6; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 82
ID ADA77469 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068797-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 83
ID ADB18209 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077710-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 84
ID ADA86892 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082709-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 85
ID ADA16587 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039969-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 86
ID ADA13016 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049622-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 87
ID ADA41884 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003082540-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 88
ID ADA87995 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082709-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 89

DE Novel human secreted and transmembrane protein PRO224.
PN US2003082700-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 89
ID ADA46383 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003054516-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 90
ID ADAL7231 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003017498-A1.
PD 23-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 91
ID ADA42734 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054351-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 92
ID ADB28413 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082699-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 93
ID ADB28965 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082706-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 94
ID ADA76917 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003059909-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 95
ID ADA8547 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003073213-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 96
ID ADA97552 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082686-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 97
ID ADB27309 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003082700-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 98
ID ADB22242 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087344-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 99
ID ABO17576 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US2003064923-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 100
ID ADA66933 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003068793-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 101
ID ADB22794 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077111-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 102
ID ADB23567 standard; protein; 282 AA.
DE Human PRO polypeptide SEQ ID NO 312.
PN US200307712-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 103
ID ADA92289 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082712-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 104
ID ADB15352 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087352-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 105
ID ADB38604 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003082766-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 106
ID ADB38052 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087347-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.

RESULT 125
ID ADC18977 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003036061-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 126
ID ADC34273 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003036094-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 127
ID ADC29328 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049676-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 128
ID ADC28859 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003049677-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 129
ID ADC40744 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054400-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 130
ID ADC19401 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054441-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 131
ID ADC33849 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003073077-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 132
ID ADC12919 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003073079-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 133
ID ADC50353 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092106-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 134
ID ADC59015 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092107-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 135
ID ADC59879 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092105-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 136
ID ADC52886 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087365-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 137
ID ADC57240 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087366-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 138
ID ADC60431 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087367-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 139
ID ADC50906 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087361-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 140
ID ADC65433 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003087362-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 141
ID ADC54531 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087363-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 142
ID ADC53492 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087364-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 143
ID ADC59015 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087364-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 143
ID ADC59015 standard; protein; 282 AA.

DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087359-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 144
ID ADC55993 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087360-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 145
ID ADC58463 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein Seq ID312.
PN US2003087346-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 146
ID ADC12371 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003082541-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 147
ID ADD031137 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092104-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 148
ID ADC90129 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087348-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 149
ID ADC69548 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194770-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 150
ID ADC48437 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194773-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 151
ID ADD09966 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194776-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 152
ID ADD04541 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087354-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 153
ID ADC80497 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092103-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 154
ID ADD11004 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194774-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 155
ID ADC47685 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194771-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 156
ID ADD04926 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003104469-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 157
ID ADC79945 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087358-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 158
ID ADD09414 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194775-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 159
ID ADD03932 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003104381-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 160
ID ADD03508 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003108983-A1.
PD 12-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 161
ID ADD41127 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203438-A1.

```
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 162
ID ADD52266 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194769-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 163
ID ADD53006 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194792-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 164
ID ADD53558 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203437-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 165
ID ADD51714 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194779-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 166
ID ADD02513 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203431-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 167
ID ADD01947 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203430-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 168
ID ADD54129 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003203432-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 169
ID ADD92446 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199030-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 170
ID ADD91342 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199055-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 171
ID ADE03956 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199057-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 172
ID ADE32253 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194765-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 173
ID ADE22185 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199056-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 174
ID ADD79409 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203428-A1.
PD 30-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 175
ID ADE41945 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194772-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 176
ID ADE17762 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199023-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 177
ID ADD91894 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199053-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 178
ID ADE33357 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194767-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 179
ID ADE33909 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194791-A1.
PD 16-OCT-2003.
PA (GETH ) GENENTECH INC.
```

Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 180
ID ADD79961 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207417-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 181
ID ADD92998 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194768-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 182
ID ADE19418 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199025-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 183
ID ADE34760 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003077583-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 184
ID ADE18866 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199026-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 185
ID ADE43062 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199033-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 186
ID ADD95851 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199059-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 187
ID ADE22737 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199064-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 188
ID ADD78855 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203429-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 189
ID ADE32805 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194766-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 190
ID ADE42497 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199032-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 191
ID ADD80513 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207418-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 192
ID ADD89541 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199028-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 193
ID ADE40825 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199031-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 194
ID ADE04624 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199034-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 195
ID ADE92753 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194777-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 196
ID ADG21462 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207355-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;
RESULT 197
ID ADF77329 standard; protein; 282 AA.
DE Human 8D6 Ag protein.
PN US2003165508-A1.
PD 04-SEP-2003.
PA (CHOL/) CHOL Y S.
PA (LILU/) LI L.
Query Match
Best Local Similarity 100.0%; Score 1260; DB 7; Length 282;

Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 198
ID ADG3103 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207384-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 199
ID ADF97438 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207370-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 200
ID ADG10648 standard; protein; 282 AA.
DE Human STAT6-activating protein, SEQ ID NO:238.
PN WO200296943-A1.
PD 05-DEC-2002.
PA (ASAH) ASAH KASEI KOGYO KK.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 201
ID ADG80502 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207373-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 202
ID ADG79950 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207372-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 203
ID ADH5243 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003039972-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 204
ID ADH5242 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207381-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 205
ID ADH5794 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207379-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 206
ID ADI38022 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054352-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 207
ID ADI64962 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207386-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 208
ID ADI63461 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207387-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 209
ID ADH81875 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207388-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 210
ID ADH81323 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207377-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 211
ID ADJ26290 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003054349-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 212
ID ADM82492 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087355-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 213
ID ADN15891 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087353-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 214
ID ADN16520 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087385-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 215
ID ADN15339 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087356-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 216
ID ADN15339 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087356-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;

ID ADN14787 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003087357-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 217
ID ADI64013 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207385-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 7; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 218
ID ADC81049 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003092115-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 219
ID ADE79205 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003135025-A1.
PD 17-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 220
ID ADD76497 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003100087-A1.
PD 29-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 221
ID ADD87861 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092113-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 222
ID ADD86265 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203440-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 223
ID ADE79629 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003130489-A1.
PD 10-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 224
ID ADE75713 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003211571-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 225
ID ADE73305 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.

DE Human secreted/transmembrane protein, #26.
PN US2003129592-A1.
PD 10-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 226
ID ADE23289 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092108-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 227
ID ADE23841 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092110-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 228
ID ADE24484 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003092111-A1.
PD 15-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 229
ID ADD87309 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003203439-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 230
ID ADE89175 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199062-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 231
ID ADE73840 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148370-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 232
ID ADE18314 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194794-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 233
ID ADE88623 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003199054-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 234
ID ADE99394 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.

[illegible]

Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 252
ID ADF98561 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003208055-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 253
ID ADG03392 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207351-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 254
ID ADF99113 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207353-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 255
ID ADG16698 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207359-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 256
ID ADG05157 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207375-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 257
ID ADG19424 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207425-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 258
ID ADF73380 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003166051-A1.
PD 04-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 259
ID ADG13261 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207357-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 260
ID ADG08318 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207424-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 261
ID ADG15488 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003219885-A1.
PD 27-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 262
ID ADF96886 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207371-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 263
ID ADG06071 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207374-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 264
ID ADG23655 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207389-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 265
ID ADG03944 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207423-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 266
ID ADG24845 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207427-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 267
ID ADG07142 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207350-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 268
ID ADG07694 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207356-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 269
ID ADG55189 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003194778-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 270

ID ADG60853 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207390-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 271
ID ADG61957 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207428-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 272
ID ADG92223 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003027145-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 273
ID ADG82158 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207358-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 274
ID ADG57397 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207362-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 275
ID ADG56845 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207364-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 276
ID ADG55741 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207365-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 277
ID ADG58501 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207368-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 278
ID ADG70867 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207420-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 279
ID ADG92650 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207421-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 280
ID ADG57949 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207363-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 281
ID ADG53533 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207415-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 282
ID ADG71419 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207421-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 283
ID ADG81606 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207805-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 284
ID ADH30568 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077723-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 285
ID ADH11935 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207419-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 286
ID ADG52357 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207414-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 287
ID ADG54085 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207416-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 288
ID ADG81054 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003194793-A1.

PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 289
ID ADG56293 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207366-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 290
ID ADH12559 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207378-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 291
ID ADG61405 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207429-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 292
ID ADH28492 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003022331-A1.
PD 30-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 293
ID ADG54637 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207367-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 294
ID ADG59677 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207369-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 295
ID ADH20439 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004005553-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 296
ID ADH07294 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004006211-A1.
PD 08-JAN-2004.
PA (DESN/) DESNOYERS L.
PA (GODO/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 297
ID ADH59839 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003215904-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 298
ID ADH06867 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004005665-A1.
PD 08-JAN-2004.
PA (DESN/) DESNOYERS L.
PA (GODO/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 299
ID ADI18101 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003207361-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 300
ID ADI18609 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003152999-A1.
PD 14-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 301
ID ADI65329 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148419-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 302
ID ADI37592 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003096340-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 303
ID ADG09844 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004009548-A1.
PD 15-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 304
ID ADH97388 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003190610-A1.
PD 09-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 305
ID ADI15315 standard; protein; 282 AA.

DE Novel human secreted and transmembrane protein PRO224.
PN US2003207382-A1.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 306
ID ADG09192 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004009547-A1.
PD 15-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 307
ID ADI65756 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003148371-A1.
PD 07-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 308
ID ADI14647 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207383-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 309
ID ADI26139 standard; protein; 282 AA.
DE Human protein that promotes STAT6 activation #52.
PN WO2003104277-A2.
PD 18-DEC-2003.
PA (ASAH) ASAH KASEI KK.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 310
ID ADH60499 standard; protein; 282 AA.
DE Novel human secreted/transmembrane protein, #26.
PN US2004023331-A1.
PD 05-FEB-2004.
PA (DESN/) DESNOYERS L.
PA (GODD/) GODDARD A.
PA (GODG/) GODOWSKI P J.
PA (GURN/) GURNEY A L.
PA (MATH/) MATHER J P.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 311
ID ADI18242 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207349-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 312
ID ADJ99556 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003187238-A1.
PD 02-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 313
ID ADL08749 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003186359-A1.
PD 02-OCT-2003.
PA (GETH) GENENTECH INC.

PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 314
ID ADM25090 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003096233-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 315
ID ADJ63523 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2004039164-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 316
ID ADM29840 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003190611-A1.
PD 09-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 317
ID ADJ77418 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004038336-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 318
ID ADJ65540 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004038335-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 319
ID ADM27676 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004048333-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 320
ID ADM42400 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004058424-A1.
PD 25-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 321
ID ADO06162 standard; protein; 282 AA.
DE Human PRO polypeptide #22.
PN US6686451-B1.
PD 03-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 322
ID ADM28262 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2004077064-A1.
PD 22-APR-2004.
PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 323
ID ADR11014 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004137561-A1.
PD 15-JUL-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 324
ID ADR17923 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2004147017-A1.
PD 29-JUL-2004.
PA (ASHK/) ASHKENAZI A.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GRIM/) GRIMALDI C J.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (MATH/) MATH J P.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 325
ID ADI95744 standard; protein; 282 AA.
DE Human PRO polypeptide #156.
PN US2003077659-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 326
ID ADI96296 standard; protein; 282 AA.
DE Novel human secreted and transmembrane protein PRO224.
PN US2003207354-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 327
ID ADR82023 standard; protein; 282 AA.
DE Tumour-associated antigenic target (TAT) polypeptide PRO224, SEQ:5217.
PN W02004030615-A2.
PD 15-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 328
ID ADP55254 standard; protein; 282 AA.
DE Human PRO protein sequence SEQ ID NO:1230.
PN W02004039956-A2.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 329
ID APT03599 standard; protein; 282 AA.
DE Human secreted/transmembrane protein, #26.
PN US2003152922-A1.
PD 14-AUG-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 330
ID APT94221 standard; protein; 282 AA.
DE Human PRO224 protein.
PN AU2003259607-A1.
PD 27-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 331
ID ADS74562 standard; protein; 282 AA.
DE Human secreted/transmembrane protein #26.
PN US2004185531-A1.
PD 23-SEP-2004.
PA (ASHK/) ASHKENAZI A.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GRIM/) GRIMALDI C J.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (MATH/) MATH J P.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 100.0%; Score 1260; DB 8; Length 282;
Best Local Similarity 100.0%; Pred. No. 8e-94;
RESULT 332
ID AAM40633 standard; protein; 303 AA.
DE Human polypeptide SEQ ID NO 5564.
PN W0200153312-A1.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match 100.0%; Score 1260; DB 4; Length 303;
Best Local Similarity 100.0%; Pred. No. 8.7e-94;
RESULT 333
ID ABO26858 standard; protein; 237 AA.
DE Human receptors and membrane-associated protein, REMAP-48.
PN W02004044159-A2.
PD 27-MAY-2004.
PA (INCY-) INCYTE CORP.
Query Match 76.0%; Score 957.5; DB 8; Length 237;
Best Local Similarity 79.9%; Pred. No. 2e-69;
RESULT 334
ID ABUS2729 standard; protein; 259 AA.
DE Human metabolism-associated DKFzphbr2_62o17 homologue #1.
PN W0200112659-A2.
PD 22-FEB-2001.
PA (GEHU-) GERMAN HUMAN GENOME PROJECT.
Query Match 46.9%; Score 590.5; DB 4; Length 259;
Best Local Similarity 53.1%; Pred. No. 1.1e-39;
RESULT 335
ID ADI26135 standard; protein; 260 AA.

DE Human protein that promotes STAT6 activation #50.
PN WO2003104277-A2.
PD 18-DEC-2003.
PA (ASAH) ASARI KASRI KK.
Query Match 46.9%; Score 590.5; DB 8; Length 260;
Best Local Similarity 53.1%; Pred. No. 1.1e-39;
RESULT 336
ID AAB51716 standard; protein; 153 AA.
DE Human secreted protein sequence encoded by gene 44 SEQ ID NO:156.
PN WO200061620-A1.
PD 19-OCT-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
PA (ROSE/) ROSEN C A.
Query Match 43.3%; Score 545; DB 3; Length 153;
Best Local Similarity 100.0%; Pred. No. 3.1e-36;
RESULT 337
ID ABR43211 standard; protein; 162 AA.
DE Human IRAP-7 protein SEQ ID NO:7.
PN WO2003025542-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 37.9%; Score 477; DB 6; Length 162;
Best Local Similarity 47.6%; Pred. No. 1e-30;
RESULT 338
ID ABG01305 standard; protein; 122 AA.
DE Novel human diagnostic protein #1296.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 36.9%; Score 465; DB 4; Length 122;
Best Local Similarity 46.7%; Pred. No. 7.1e-30;
RESULT 339
ID ABR43215 standard; protein; 162 AA.
DE Human IRAP-11 protein SEQ ID NO:11.
PN WO2003025542-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 36.9%; Score 465; DB 6; Length 162;
Best Local Similarity 46.7%; Pred. No. 9.7e-30;
RESULT 340
ID ABG18405 standard; protein; 141 AA.
DE Novel human diagnostic protein #18396.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 33.1%; Score 417.5; DB 4; Length 141;
Best Local Similarity 44.2%; Pred. No. 5.8e-26;
RESULT 341
ID AAW75070 standard; protein; 132 AA.
DE Human secreted protein encoded by gene 14 clone HSNBL85.
PN WO9839446-A2.
PD 11-SEP-1998.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 27.1%; Score 342; DB 2; Length 132;
Best Local Similarity 54.4%; Pred. No. 7e-20;
RESULT 342
ID ABO01946 standard; protein; 132 AA.
DE Novel human secreted protein #14.
PN US2003027132-A1.
PD 06-FEB-2003.
PA (RUBE/) RUBEN S M.
PA (ROSE/) ROSEN C A.
PA (FISC/) FISCHER C L.
PA (SOPP/) SOPPET D R.
PA (CART/) CARTER K C.
PA (BEDN/) BEDNARIK D R.
PA (ENDR/) ENDRESS G A.
PA (YUGG/) YU G.
PA (NIJU/) NI J.
PA (FENG/) FENG P.
PA (YOUN/) YOUNG P E.
PA (GREE/) GREENE J M.
PA (FERR/) FERRIE A M.

PA (DUAN/) DUAN R.
PA (HUJJ/) HU J.
PA (FLOR/) FLORENCE K A.
PA (OLSE/) OLSEN H S.
PA (EBNE/) EBNER R.
PA (BREW/) BREWER L A.
PA (SHIV/) SHI Y.
Query Match 27.1%; Score 342; DB 6; Length 132;
Best Local Similarity 54.4%; Pred. No. 7e-20;
RESULT 343
ID ADI27184 standard; protein; 996 AA.
DE Mouse LRP binding family protein #20.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 23.3%; Score 293.5; DB 8; Length 996;
Best Local Similarity 40.2%; Pred. No. 5.6e-15;
RESULT 344
ID AAR78233 standard; protein; 863 AA.
DE Chicken oocyte receptor P95.
PN WO9515379-A1.
PD 08-JUN-1995.
PA (PROG-) PROGEN BIOTECHNIK GMBH.
Query Match 22.7%; Score 286.5; DB 2; Length 863;
Best Local Similarity 38.4%; Pred. No. 1.8e-14;
RESULT 345
ID ABM83206 standard; protein; 778 AA.
DE Human diagnostic and therapeutic pproteins SEQ ID NO:3455.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 22.5%; Score 283.5; DB 8; Length 778;
Best Local Similarity 37.6%; Pred. No. 2.7e-14;
RESULT 346
ID ADO26843 standard; protein; 442 AA.
DE Human receptors and membrane-associated protein, REMAP-33.
PN WO2004044159-A2.
PD 27-MAY-2004.
PA (INCY-) INCYTE CORP.
Query Match 22.3%; Score 280.5; DB 8; Length 442;
Best Local Similarity 37.9%; Pred. No. 2.6e-14;
RESULT 347
ID AAU91286 standard; protein; 695 AA.
DE Human NOV5e protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 22.3%; Score 280.5; DB 5; Length 695;
Best Local Similarity 37.9%; Pred. No. 4.2e-14;
RESULT 348
ID ADH71752 standard; protein; 695 AA.
DE Human protein of the invention NOV28f SEQ ID NO:648.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 22.3%; Score 280.5; DB 8; Length 695;
Best Local Similarity 37.9%; Pred. No. 4.2e-14;
RESULT 349
ID ABU56579 standard; protein; 699 AA.
DE Lung cancer-associated polypeptide #172.
PN WO200286443-A2.
PD 31-OCT-2002.
PA (EOSE-) EOS BIOTECHNOLOGY INC.
Query Match 22.3%; Score 280.5; DB 6; Length 699;
Best Local Similarity 37.9%; Pred. No. 4.3e-14;
RESULT 350
ID ADL06561 standard; protein; 699 AA.
DE Human tumour-associated antigenic target (TAT) polypeptide #60.
PN WO2004016225-A2.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 22.3%; Score 280.5; DB 8; Length 699;
Best Local Similarity 37.9%; Pred. No. 4.3e-14;

RESULT 351
ID ADQ26075 standard; protein; 700 AA.
DE Low density lipoprotein receptor-related protein 8 #2.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (UYLE-) RIJKSUNIV LEIDEN.
Query Match 22.3%; Score 280.5; DB 8; Length 700;
Best Local Similarity 37.9%; Pred. No. 4.3e-14;
RESULT 352
ID ADP93398 standard; protein; 775 AA.
DE Human lipid-associated molecule LIPAM-5 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 22.3%; Score 280.5; DB 7; Length 775;
Best Local Similarity 37.9%; Pred. No. 4.8e-14;
RESULT 353
ID ADH71760 standard; protein; 775 AA.
DE Human protein of the invention NOV28j SEQ ID NO:656.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 22.3%; Score 280.5; DB 8; Length 775;
Best Local Similarity 37.9%; Pred. No. 4.8e-14;
RESULT 354
ID ABM83205 standard; protein; 778 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3454.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 22.3%; Score 280.5; DB 8; Length 778;
Best Local Similarity 37.6%; Pred. No. 4.8e-14;
RESULT 355
ID ADQ26076 standard; protein; 793 AA.
DE Low density lipoprotein receptor-related protein 8 #3.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (UYLE-) RIJKSUNIV LEIDEN.
Query Match 22.3%; Score 280.5; DB 8; Length 793;
Best Local Similarity 39.4%; Pred. No. 4.9e-14;
RESULT 356
ID ADD93402 standard; protein; 834 AA.
DE Human lipid-associated molecule LIPAM-9 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 22.3%; Score 280.5; DB 7; Length 834;
Best Local Similarity 37.9%; Pred. No. 5.2e-14;
RESULT 357
ID ADH71762 standard; protein; 834 AA.
DE Human protein of the invention NOV28k SEQ ID NO:658.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 22.3%; Score 280.5; DB 8; Length 834;
Best Local Similarity 37.9%; Pred. No. 5.2e-14;
RESULT 358
ID ABO84667 standard; protein; 845 AA.
DE Human cancer-associated protein HP20-007.3.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 22.3%; Score 280.5; DB 8; Length 845;
Best Local Similarity 37.6%; Pred. No. 5.3e-14;
RESULT 359
ID ABO84665 standard; protein; 845 AA.
DE Human cancer-associated protein HP20-007.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 22.3%; Score 280.5; DB 8; Length 845;
Best Local Similarity 37.6%; Pred. No. 5.3e-14;
RESULT 360
ID AAU91289 standard; protein; 847 AA.
DE Human NOV5h protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 22.3%; Score 280.5; DB 5; Length 847;
Best Local Similarity 37.9%; Pred. No. 5.3e-14;
RESULT 361
ID ADH71758 standard; protein; 847 AA.
DE Human protein of the invention NOV28i SEQ ID NO:654.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 22.3%; Score 280.5; DB 8; Length 847;
Best Local Similarity 37.9%; Pred. No. 5.3e-14;
RESULT 362
ID ABP56840 standard; protein; 873 AA.
DE Human VLDL receptor protein SEQ ID NO:7.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 22.3%; Score 280.5; DB 6; Length 873;
Best Local Similarity 37.6%; Pred. No. 5.5e-14;
RESULT 363
ID ADJ84064 standard; protein; 873 AA.
DE Human very low density lipoprotein (VLDL) receptor protein.
PN WO2004007667-A2.
PD 22-JAN-2004.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 22.3%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 5.5e-14;
RESULT 364
ID ADN00738 standard; protein; 873 AA.
DE Human LDLR. SEQ ID 11.
PN WO2004024881-A2.
PD 25-MAR-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 22.3%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 5.5e-14;
RESULT 365
ID ADQ17759 standard; protein; 873 AA.
DE Human soft tissue sarcoma-upregulated protein - SEQ ID 576.
PN WO2004048938-A2.
PD 10-JUN-2004.
PA (PROT-) PROTEIN DESIGN LABS INC.
Query Match 22.3%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 5.5e-14;
RESULT 366
ID ABO84666 standard; protein; 873 AA.
DE Human cancer-associated protein HP20-007.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 22.3%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 5.5e-14;
RESULT 367
ID ABO84668 standard; protein; 873 AA.
DE Human cancer-associated protein HP20-007.4.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 22.3%; Score 280.5; DB 8; Length 873;
Best Local Similarity 37.6%; Pred. No. 5.5e-14;
RESULT 368
ID ADB64849 standard; protein; 752 AA.
DE Human protein encoded by clone OCBF20191950.
PN EP1308459-A2.
PD 07-MAY-2003.
PA (HELI-) HELIX RES INST.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 22.2%; Score 280; DB 7; Length 752;
Best Local Similarity 38.6%; Pred. No. 5.1e-14;

RESULT 369
ID AAW02212 standard; protein; 873 AA.
DE Human VLDL receptor.
PN WO9626286-A1.
PD 29-AUG-1996.
PA (UYPE-) UNIV PENNSYLVANIA.
Query Match 22.0%; Score 277.5; DB 2; Length 873;
Best Local Similarity 37.1%; Pred. No. 9.5e-14;
RESULT 370
ID ADD93401 standard; protein; 904 AA.
DE Human lipid-associated molecule LIPAM-8 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 22.0%; Score 277.5; DB 7; Length 904;
Best Local Similarity 39.0%; Pred. No. 9.9e-14;
RESULT 371
ID ABP56838 standard; protein; 963 AA.
DE Human apolipoprotein E receptor 2 protein SEQ ID NO:5.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 22.0%; Score 277.5; DB 6; Length 963;
Best Local Similarity 39.0%; Pred. No. 1.1e-13;
RESULT 372
ID ADH71764 standard; protein; 963 AA.
DE Human protein of the invention NOV281 SEQ ID NO:660.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 22.0%; Score 277.5; DB 8; Length 963;
Best Local Similarity 39.0%; Pred. No. 1.1e-13;
RESULT 373
ID ADI27185 standard; protein; 963 AA.
DE Human LRP binding family protein #14.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 22.0%; Score 277.5; DB 8; Length 963;
Best Local Similarity 39.0%; Pred. No. 1.1e-13;
RESULT 374
ID ADN00737 standard; protein; 963 AA.
DE Human LDLR, SEQ ID 10.
PN WO2004024881-A2.
PD 25-MAR-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 22.0%; Score 277.5; DB 8; Length 963;
Best Local Similarity 39.0%; Pred. No. 1.1e-13;
RESULT 375
ID ADO19504 standard; protein; 963 AA.
DE Human PRO polypeptide #217.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 22.0%; Score 277.5; DB 8; Length 963;
Best Local Similarity 39.0%; Pred. No. 1.1e-13;
RESULT 376
ID ADQ26074 standard; protein; 963 AA.
DE Low density lipoprotein receptor-related protein 8 #1.
PN WO2004056386-A2.
PD 08-JUL-2004.
PA (OYLE-) RIJKSUNIV LEIDEN.
Query Match 22.0%; Score 277.5; DB 8; Length 963;
Best Local Similarity 39.0%; Pred. No. 1.1e-13;
RESULT 377
ID AAU91285 standard; protein; 1012 AA.
DE Human NOV5d protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 22.0%; Score 277.5; DB 5; Length 1012;
Best Local Similarity 39.0%; Pred. No. 1.1e-13;

RESULT 378
ID ADH71750 standard; protein; 1012 AA.
DE Human protein of the invention NOV28e SEQ ID NO:646.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 22.0%; Score 277.5; DB 8; Length 1012;
Best Local Similarity 39.0%; Pred. No. 1.1e-13;
RESULT 379
ID AAU78665 standard; protein; 729 AA.
DE Human NOV5a protein variant.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 21.9%; Score 275.5; DB 5; Length 729;
Best Local Similarity 37.4%; Pred. No. 1.1e-13;
RESULT 380
ID AAU91282 standard; protein; 729 AA.
DE Human NOV5a protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 21.9%; Score 275.5; DB 5; Length 729;
Best Local Similarity 37.4%; Pred. No. 1.1e-13;
RESULT 381
ID AAU91283 standard; protein; 762 AA.
DE Human NOV5b protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 21.9%; Score 275.5; DB 5; Length 762;
Best Local Similarity 37.4%; Pred. No. 1.2e-13;
RESULT 382
ID AAU78666 standard; protein; 762 AA.
DE Human NOV5b protein variant.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 21.9%; Score 275.5; DB 5; Length 762;
Best Local Similarity 37.4%; Pred. No. 1.2e-13;
RESULT 383
ID ABB57051 standard; protein; 873 AA.
DE Mouse ischaemic condition related protein sequence SEQ ID NO:84.
PN WO200181818-A2.
PD 22-NOV-2001.
PA (OYNI-) UNIV NIHON SCHOOL JURIDICAL PERSON.
Query Match 21.8%; Score 275; DB 5; Length 873;
Best Local Similarity 37.8%; Pred. No. 1.5e-13;
RESULT 384
ID ADI27192 standard; protein; 873 AA.
DE Mouse LRP binding family protein #26.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 21.8%; Score 275; DB 8; Length 873;
Best Local Similarity 37.8%; Pred. No. 1.5e-13;
RESULT 385
ID ABO84664 standard; protein; 873 AA.
DE Mouse cancer-associated protein MP20-007.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 21.8%; Score 275; DB 8; Length 873;
Best Local Similarity 37.8%; Pred. No. 1.5e-13;
RESULT 386
ID AAR78234 standard; protein; 924 AA.
DE Chicken P95/human LDL receptor chimera.
PN WO9515379-A1.
PD 08-JUN-1995.
PA (PROG-) PROGEN BIOTECHNIK GMBH.
Query Match 21.7%; Score 274; DB 2; Length 924;
Best Local Similarity 37.8%; Pred. No. 1.9e-13;
RESULT 387

ID AAR74691 standard; protein; 846 AA.
DE Human very low density lipoprotein receptor.
PN WO9513374-A2.
PD 18-MAY-1995.
PA (BAYU) BAYLOR COLLEGE MEDICINE.
Query Match 21.7%; Score 273.5; DB 2; Length 846;
Best Local Similarity 40.3%; Pred. No. 1.9e-13;
RESULT 388
ID ADJ84065 standard; protein; 873 AA.
DE Norway rat very low density lipoprotein (VLDL) receptor protein.
PN WO2004007667-A2.
PD 22-JAN-2004.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 21.5%; Score 271; DB 8; Length 873;
Best Local Similarity 37.8%; Pred. No. 3.2e-13;
RESULT 389
ID AAR74692 standard; protein; 846 AA.
DE Rat very low density lipoprotein receptor.
PN WO9513374-A2.
PD 18-MAY-1995.
PA (BAYU) BAYLOR COLLEGE MEDICINE.
Query Match 21.5%; Score 270.5; DB 2; Length 846;
Best Local Similarity 41.0%; Pred. No. 3.4e-13;
RESULT 390
ID AAR44735 standard; protein; 873 AA.
DE apo-E lipoprotein receptor.
PN JP05294998-A.
PD 09-NOV-1993.
PA (SANY) SANKYO CO LTD.
Query Match 21.3%; Score 268; DB 2; Length 873;
Best Local Similarity 37.8%; Pred. No. 5.6e-13;
RESULT 391
ID AAU91287 standard; protein; 804 AA.
DE Human NOV5f protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 21.2%; Score 267.5; DB 5; Length 804;
Best Local Similarity 36.6%; Pred. No. 5.6e-13;
RESULT 392
ID ADH71754 standard; protein; 804 AA.
DE Human protein of the invention NOV28g SEQ ID NO:650.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 21.2%; Score 267.5; DB 8; Length 804;
Best Local Similarity 36.6%; Pred. No. 5.6e-13;
RESULT 393
ID AAU91284 standard; protein; 825 AA.
DE Human NOV5c protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 21.2%; Score 267.5; DB 5; Length 825;
Best Local Similarity 36.6%; Pred. No. 5.8e-13;
RESULT 394
ID ADH71748 standard; protein; 825 AA.
DE Human protein of the invention NOV28d SEQ ID NO:644.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 21.2%; Score 267.5; DB 8; Length 825;
Best Local Similarity 36.6%; Pred. No. 5.8e-13;
RESULT 395
ID ADH22362 standard; protein; 832 AA.
DE Human receptor & membrane associated protein (REMAP) SeqID12.
PN WO2003104395-A2.
PD 18-DEC-2003.
PA (INCY-) INCYTE CORP.
Query Match 21.0%; Score 264; DB 8; Length 832;
Best Local Similarity 28.3%; Pred. No. 1.1e-12;
RESULT 396
ID ABM83204 standard; protein; 837 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3453.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 21.0%; Score 264; DB 8; Length 837;
Best Local Similarity 28.3%; Pred. No. 1.1e-12;
RESULT 397
ID ADH71746 standard; protein; 661 AA.
DE Human protein of the invention NOV28c SEQ ID NO:642.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 20.5%; Score 258.5; DB 8; Length 661;
Best Local Similarity 35.7%; Pred. No. 2.4e-12;
RESULT 398
ID AAR05533 standard; protein; 727 AA.
DE Fragment of Heymann nephritis antigen, gp330.
PN EP358977-A.
PD 21-MAR-1990.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 20.3%; Score 255.5; DB 2; Length 727;
Best Local Similarity 36.7%; Pred. No. 4.7e-12;
RESULT 399
ID ADI27173 standard; protein; 4660 AA.
DE Rat LRP binding family protein #4.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 20.3%; Score 255.5; DB 8; Length 4660;
Best Local Similarity 36.7%; Pred. No. 3.7e-11;
RESULT 400
ID ARG18406 standard; protein; 149 AA.
DE Novel human diagnostic protein #18397.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 20.2%; Score 254.5; DB 4; Length 149;
Best Local Similarity 63.5%; Pred. No. 9.7e-13;
RESULT 401
ID ABP56837 standard; protein; 4599 AA.
DE Human LRP1B protein SEQ ID NO:4.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 20.1%; Score 253.5; DB 6; Length 4599;
Best Local Similarity 39.7%; Pred. No. 5.3e-11;
RESULT 402
ID AAE11937 standard; protein; 4636 AA.
DE Human CG168 (Or C595) receptor protein #2.
PN WO200179446-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 20.1%; Score 253.5; DB 4; Length 4636;
Best Local Similarity 39.7%; Pred. No. 5.4e-11;
RESULT 403
ID ADS10474 standard; protein; 4636 AA.
DE Human therapeutic protein - SEQ ID 711.
PN WO2004080148-A2.
PD 23-SEP-2004.
PA (NUVE-) NUVELO INC.
Query Match 20.1%; Score 253.5; DB 8; Length 4636;
Best Local Similarity 39.7%; Pred. No. 5.4e-11;
RESULT 404
ID AAU81052 standard; protein; 248 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #21.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 5; Length 248;
Best Local Similarity 37.8%; Pred. No. 3.3e-12;
RESULT 405
ID AAU81047 standard; protein; 289 AA.

DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #16.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 5; Length 289;
Best Local Similarity 37.6%; Pred. No. 3.9e-12;
RESULT 406
ID ADN11586 standard; protein; 2520 AA.
DE Human CD91 protein fragment SEQ ID NO: 7.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 8; Length 2520;
Best Local Similarity 37.6%; Pred. No. 4.3e-11;
RESULT 407
ID ADN11585 standard; protein; 2565 AA.
DE Human CD91 protein fragment SEQ ID NO: 6.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 8; Length 2565;
Best Local Similarity 37.6%; Pred. No. 4.4e-11;
RESULT 408
ID ABM5419 standard; protein; 4183 AA.
DE Human protein sequence hCP1725406.
PN WO2003073826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
Query Match 19.9%; Score 251; DB 7; Length 4183;
Best Local Similarity 37.8%; Pred. No. 7.6e-11;
RESULT 409
ID ADN11590 standard; protein; 4419 AA.
DE Human CD91 protein fragment SEQ ID NO: 11.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 8; Length 4419;
Best Local Similarity 37.6%; Pred. No. 8.1e-11;
RESULT 410
ID ADN11588 standard; protein; 4419 AA.
DE Human CD91 protein fragment SEQ ID NO: 9.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 8; Length 4419;
Best Local Similarity 37.8%; Pred. No. 8.1e-11;
RESULT 411
ID ADN11587 standard; protein; 4464 AA.
DE Human CD91 protein fragment SEQ ID NO: 8.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 8; Length 4464;
Best Local Similarity 37.6%; Pred. No. 8.2e-11;
RESULT 412
ID ADN11589 standard; protein; 4464 AA.
DE Human CD91 protein fragment SEQ ID NO: 10.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 8; Length 4464;
Best Local Similarity 37.6%; Pred. No. 8.2e-11;
RESULT 413
ID AAU81016 standard; protein; 4529 AA.
DE Mouse alpha2 macroglobulin (alpha2M) receptor.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 5; Length 4529;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 414
ID AAR47861 standard; protein; 4544 AA.
DE Alpha 2-Macroglobulin/LDL-receptor related protein.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 19.9%; Score 251; DB 2; Length 4544;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 415
ID AAR60517 standard; protein; 4544 AA.
DE Human alpha-2-MR.
PN WO9418227-A2.
PD 18-AUG-1994.
PA (DENZ-) DENZYME APS.
Query Match 19.9%; Score 251; DB 2; Length 4544;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 416
ID AAM79091 standard; protein; 4544 AA.
DE Human protein SEQ ID NO 1753.
PN WO200157190-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 19.9%; Score 251; DB 4; Length 4544;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 417
ID AAU81019 standard; protein; 4544 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 19.9%; Score 251; DB 5; Length 4544;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 418
ID ABP56839 standard; protein; 4544 AA.
DE Human LRP protein SEQ ID NO:6.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBERUECK CENT MOLEKULARE MEDIZIN MAX.
PA (UYAA-) UNIV AARHUS.
Query Match 19.9%; Score 251; DB 6; Length 4544;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 419
ID ABU89744 standard; protein; 4544 AA.
DE Protein differentially expressed in cardiovascular disease #38.
PN WO2003031650-A2.
PD 17-APR-2003.
PA (FARB) BAYER AG.
Query Match 19.9%; Score 251; DB 6; Length 4544;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 420
ID ADD14025 standard; protein; 4544 AA.
DE Human src biomarker polypeptide SEQ ID NO:214.
PN WO2003062395-A2.
PD 31-JUL-2003.
PA (BRIM) BRISTOL-MYERS SQUIBB CO.
Query Match 19.9%; Score 251; DB 7; Length 4544;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 421
ID ADI27167 standard; protein; 4544 AA.
DE Human LRP binding family protein #7.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 19.9%; Score 251; DB 8; Length 4544;
Best Local Similarity 37.6%; Pred. No. 8.3e-11;
RESULT 422
ID ADL15636 standard; protein; 4544 AA.
DE Human lipoprotein receptor-related protein (LRP) SeqID 10.
PN WO2004018997-A2.
PD 04-MAR-2004.

PA (NEUR-) NEUROGENETICS INC.
 Query Match 19.9%; Score 251; DB 8; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 8.3e-11;
 RESULT 423
 ID ADN11584 standard; protein; 4544 AA.
 DE Human CD91 protein fragment SEQ ID NO: 5.
 PN W02004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 Query Match 19.9%; Score 251; DB 8; Length 4544;
 Best Local Similarity 37.6%; Pred. No. 8.3e-11;
 RESULT 424
 ID AAU74797 standard; protein; 4545 AA.
 DE Mouse alpha 2 macroglobulin (alpha2MR).
 PN W0200191787-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 19.9%; Score 251; DB 5; Length 4545;
 Best Local Similarity 37.6%; Pred. No. 8.3e-11;
 RESULT 425
 ID ADI27166 standard; protein; 4545 AA.
 DE Mouse LRP binding family protein #11.
 PN W02003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 19.9%; Score 251; DB 8; Length 4545;
 Best Local Similarity 37.6%; Pred. No. 8.3e-11;
 RESULT 426
 ID ADI27170 standard; protein; 4545 AA.
 DE Mouse LRP binding family protein #14.
 PN W02003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 19.9%; Score 251; DB 8; Length 4545;
 Best Local Similarity 37.6%; Pred. No. 8.3e-11;
 RESULT 427
 ID ADT49882 standard; protein; 4545 AA.
 DE Murine LRP1 SEQ ID NO:89.
 PN W02004083241-A2.
 PD 30-SEP-2004.
 PA (TAKE) TAKEDA CHEM IND LTD.
 Query Match 19.9%; Score 251; DB 8; Length 4545;
 Best Local Similarity 37.6%; Pred. No. 8.3e-11;
 RESULT 428
 ID ABB11353 standard; peptide; 4563 AA.
 DE Human LDL receptor precursor homologue, SEQ ID NO:1723.
 PN W0200157188-A2.
 PD 09-AUG-2001.
 PA (HYSE-) HYSRQ INC.
 Query Match 19.9%; Score 251; DB 4; Length 4563;
 Best Local Similarity 37.6%; Pred. No. 8.4e-11;
 RESULT 429
 ID ADP21811 standard; protein; 101 AA.
 DE Human IL6 specific LDL receptor A domain protein monomer #N7.
 PN W02004044011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 19.9%; Score 250.5; DB 8; Length 101;
 Best Local Similarity 38.3%; Pred. No. 1.3e-12;
 RESULT 430
 ID ADI27168 standard; protein; 4599 AA.
 DE Mouse LRP binding family protein #12.
 PN W02003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 19.9%; Score 250.5; DB 8; Length 4599;
 Best Local Similarity 35.3%; Pred. No. 9.3e-11;
 RESULT 431
 ID ADI27169 standard; protein; 4599 AA.
 DE Mouse LRP binding family protein #13.
 PN W02003106657-A2.
 PD 24-DEC-2003.

PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 19.9%; Score 250.5; DB 8; Length 4599;
 Best Local Similarity 35.3%; Pred. No. 9.3e-11;
 RESULT 432
 ID ASW85418 standard; protein; 3197 AA.
 DE Mouse protein sequence MCF460.
 PN W02003073826-A2.
 PD 12-SEP-2003.
 PA (SAGR-) SAGRES DISCOVERY.
 Query Match 19.8%; Score 249; DB 7; Length 3197;
 Best Local Similarity 41.5%; Pred. No. 8.2e-11;
 RESULT 433
 ID ADP21768 standard; protein; 135 AA.
 DE Human CD28 specific LDL receptor A domain protein monomer A10.
 PN W02004044011-A2.
 PD 27-MAY-2004.
 PA (AVID-) AVIDIA RES INST.
 Query Match 19.7%; Score 248; DB 8; Length 135;
 Best Local Similarity 40.0%; Pred. No. 2.9e-12;
 RESULT 434
 ID AAU81055 standard; protein; 169 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #24.
 PN W0200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 19.6%; Score 247; DB 5; Length 169;
 Best Local Similarity 37.5%; Pred. No. 4.5e-12;
 RESULT 435
 ID AAU81056 standard; protein; 209 AA.
 DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #25.
 PN W0200192474-A1.
 PD 06-DEC-2001.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 19.6%; Score 247; DB 5; Length 209;
 Best Local Similarity 37.5%; Pred. No. 5.7e-12;
 RESULT 436
 ID ADN22466 standard; protein; 4753 AA.
 DE Bacterial polypeptide #5119.
 PN US2003233675-A1.
 PD 18-DEC-2003.
 PA (CAOY) CAO Y.
 PA (HINK) HINKLE G J.
 PA (SLAT) SLATER S C.
 PA (CHEN) CHEN X.
 PA (GOLD) GOLDMAN B S.
 Query Match 19.5%; Score 245.5; DB 8; Length 4753;
 Best Local Similarity 37.5%; Pred. No. 2.4e-10;
 RESULT 437
 ID ADO19388 standard; protein; 2000 AA.
 DE Human PRO polypeptide #159.
 PN W02004043361-A2.
 PD 27-MAY-2004.
 PA (GETH) GENENTECH INC.
 Query Match 19.4%; Score 245; DB 8; Length 2000;
 Best Local Similarity 34.2%; Pred. No. 1e-10;
 RESULT 438
 ID ADP54446 standard; protein; 2000 AA.
 DE Human PRO protein sequence SEQ ID NO:422.
 PN W02004039956-A2.
 PD 13-MAY-2004.
 PA (GETH) GENENTECH INC.
 Query Match 19.4%; Score 245; DB 8; Length 2000;
 Best Local Similarity 34.2%; Pred. No. 1e-10;
 RESULT 439
 ID ADP23554 standard; protein; 2000 AA.
 DE PRO polypeptide SEQ ID NO:732.
 PN W02004041170-A2.
 PD 21-MAY-2004.
 PA (GETH) GENENTECH INC.
 Query Match 19.4%; Score 245; DB 8; Length 2000;
 Best Local Similarity 34.2%; Pred. No. 1e-10;
 RESULT 440
 ID AAW26357 standard; protein; 2214 AA.

DE Human LDL receptor analogue.
PN EP773290-A2.
PD 14-MAY-1997.
PA (KOWA) KOWA CO LTD.
Query Match 19.4%; Score 245; DB 2; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 441
ID ABB85016 standard; protein; 2214 AA.
DE Pain regulated protein sequence 11.
PN WO200212338-A2.
PD 14-FEB-2002.
PA (CHEF) GRUENENTHAL GMBH.
Query Match 19.4%; Score 245; DB 5; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 442
ID ABG96421 standard; protein; 2214 AA.
DE Human ovarian cancer marker OV59.
PN WO200271928-A2.
PD 19-SEP-2002.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 19.4%; Score 245; DB 5; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 443
ID ABJ37071 standard; protein; 2214 AA.
DE Human breast cancer / ovarian cancer related protein #47.
PN WO2003000012-A2.
PD 03-JAN-2003.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 19.4%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 444
ID ABR48181 standard; protein; 2214 AA.
DE Human bladder cancer associated protein sequence SEQ ID NO:78.
PN WO2003003906-A2.
PD 16-JAN-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 19.4%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 445
ID ABU04144 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #810.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 19.4%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 446
ID ABU04147 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #813.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 19.4%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 1.2e-10;
RESULT 447
ID ABU04145 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #811.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 19.4%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 448
ID ABU04148 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #814.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 19.4%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 449
ID ABU04146 standard; protein; 2214 AA.
DE Human expressed protein tag (EPT) #812.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 19.4%; Score 245; DB 6; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 450
ID ADE76875 standard; protein; 2214 AA.
DE Human protein expressed in a liver disorder #13.
PN US2003108871-A1.
PD 12-JUN-2003.
PA (KASE/) KASER M R.
Query Match 19.4%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 451
ID ADI27188 standard; protein; 2214 AA.
DE Human LRP binding family protein #15.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 19.4%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 452
ID ADQ91461 standard; protein; 2214 AA.
DE Amino acid sequence of the human sortilin-related precursor.
PN WO2004056385-A2.
PD 08-JUL-2004.
PA (UYAA-) UNIV AARHUS.
Query Match 19.4%; Score 245; DB 8; Length 2214;
Best Local Similarity 34.2%; Pred. No. 1.1e-10;
RESULT 453
ID ADO19891 standard; protein; 2279 AA.
DE Human PRO polypeptide #406.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 19.4%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 1.2e-10;
RESULT 454
ID ADP55014 standard; protein; 2279 AA.
DE Human PRO protein sequence SEQ ID NO:990.
PN WO2004039956-A2.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 19.4%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 1.2e-10;
RESULT 455
ID ADP24550 standard; protein; 2279 AA.
DE PRO polypeptide SEQ ID NO:1728.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 19.4%; Score 245; DB 8; Length 2279;
Best Local Similarity 34.2%; Pred. No. 1.2e-10;
RESULT 456
ID ABB58053 standard; protein; 1963 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 951.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 19.4%; Score 244; DB 4; Length 1963;
Best Local Similarity 31.6%; Pred. No. 1.2e-10;
RESULT 457
ID ABG30203 standard; protein; 4561 AA.
DE Novel human diagnostic protein #30194.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 19.3%; Score 243.5; DB 4; Length 4561;
Best Local Similarity 29.2%; Pred. No. 3.4e-10;
RESULT 458
ID ADC86833 standard; protein; 1494 AA.
DE Human GPCR protein SEQ ID NO:1286.
PN EP1270724-A2.

PD 02-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO.
Query Match 19.2%; Score 242.5; DB 7; Length 1494;
Best Local Similarity 30.6%; Pred. No. 1.2e-10;
RESULT 459
ID ADL46154 standard; protein; 2033 AA.
DE Murine sortilin family protein, msorla.
PN WO2004022719-A2.
PD 18-MAR-2004.
PA (WISC) WISCONSIN ALUMNI RES FOUND.
Query Match 19.1%; Score 241; DB 8; Length 2033;
Best Local Similarity 33.8%; Pred. No. 2.2e-10;
RESULT 460
ID ADC9861 standard; protein; 2215 AA.
DE Murine Lr11/Sorla protein.
PN WO2003036264-A2.
PD 01-MAY-2003.
PA (IMMV) IMMUNEX CORP.
Query Match 19.1%; Score 241; DB 7; Length 2215;
Best Local Similarity 33.8%; Pred. No. 2.4e-10;
RESULT 461
ID ABB59051 standard; protein; 4547 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 3945.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 19.1%; Score 241; DB 4; Length 4547;
Best Local Similarity 29.8%; Pred. No. 5.4e-10;
RESULT 462
ID AAR97209 standard; protein; 4655 AA.
DE Human placental calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 19.1%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 463
ID AAR97211 standard; protein; 4655 AA.
DE Human parathyroid calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 19.1%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 464
ID AAR97208 standard; protein; 4655 AA.
DE Human calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 19.1%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 465
ID AAR97210 standard; protein; 4655 AA.
DE Human kidney calcium sensor protein.
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 19.1%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 466
ID AAW43313 standard; protein; 4655 AA.
DE Human kidney calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 19.1%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 467
ID AAW43314 standard; protein; 4655 AA.
DE Human parathyroid calcium sensor protein.
PN WO9744050-A1.

PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 19.1%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 468
ID AAW43311 standard; protein; 4655 AA.
DE Human calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 19.1%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 469
ID AAW43312 standard; protein; 4655 AA.
DE Human placental calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 19.1%; Score 241; DB 2; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 470
ID ABP56836 standard; protein; 4655 AA.
DE Human megalin protein SEQ ID NO:3.
PN WO200299438-A2.
PD 12-DEC-2002.
PA (DELB-) DELBRUECK CENT MOLEKULARE MEDIZIN MAX.
(UYAA-) UNIV AARHUS.
Query Match 19.1%; Score 241; DB 6; Length 4655;
Best Local Similarity 34.2%; Pred. No. 5.5e-10;
RESULT 471
ID ABG04530 standard; protein; 4689 AA.
DE Novel human diagnostic protein #4521.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 19.1%; Score 241; DB 4; Length 4689;
Best Local Similarity 34.2%; Pred. No. 5.6e-10;
RESULT 472
ID ADT49903 standard; protein; 4700 AA.
DE Human LRP2(4700) SEQ ID NO:110.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEEDA CHEM IND LTD.
Query Match 19.1%; Score 241; DB 8; Length 4700;
Best Local Similarity 34.2%; Pred. No. 5.6e-10;
RESULT 473
ID ADI27172 standard; protein; 2867 AA.
DE Human LRP binding family protein #8.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 19.0%; Score 240; DB 8; Length 2867;
Best Local Similarity 34.2%; Pred. No. 3.9e-10;
RESULT 474
ID ADQ39234 standard; protein; 4655 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 897.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 19.0%; Score 240; DB 8; Length 4655;
Best Local Similarity 34.2%; Pred. No. 6.7e-10;
RESULT 475
ID ABB85015 standard; protein; 2215 AA.
DE Pain regulated protein sequence 10.
PN WO200212338-A2.
PD 14-FEB-2002.
PA (CHEF) GRUENTHAL GMBH.
Query Match 19.0%; Score 239; DB 5; Length 2215;
Best Local Similarity 33.8%; Pred. No. 3.5e-10;
RESULT 476
ID ABG04526 standard; protein; 3478 AA.
DE Novel human diagnostic protein #4517.
PN WO200175067-A2.

PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC. 19.0%; Score 239; DB 4; Length 3478;
Best Local Similarity 37.8%; Pred. No. 5.8e-10;
RESULT 477
ID AAU81059 standard; protein; 170 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #28.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.8%; Score 237.5; DB 5; Length 170;
Best Local Similarity 40.2%; Pred. No. 2.7e-11;
RESULT 478
ID ADA54122 standard; protein; 819 AA.
DE Human protein, SEQ ID 1690.
PN EPI293569-A2.
PD 19-MAR-2003.
PA (HELI-) HELIX RES INST.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 18.8%; Score 237.5; DB 6; Length 819;
Best Local Similarity 38.9%; Pred. No. 1.5e-10;
RESULT 479
ID ABO84658 standard; protein; 1325 AA.
DE Mouse cancer-associated protein MP20-001.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 18.8%; Score 237.5; DB 8; Length 1325;
Best Local Similarity 37.5%; Pred. No. 2.6e-10;
RESULT 480
ID AA83312 standard; protein; 1614 AA.
DE Mouse Lrp5 protein.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 18.8%; Score 237.5; DB 2; Length 1614;
Best Local Similarity 37.5%; Pred. No. 3.3e-10;
RESULT 481
ID ABB07255 standard; protein; 1614 AA.
DE Mouse LRP5 polypeptide.
PN WO200198508-A2.
PD 27-DEC-2001.
PA (DELT-) DELTAGEN INC.
Query Match 18.8%; Score 237.5; DB 5; Length 1614;
Best Local Similarity 37.5%; Pred. No. 3.3e-10;
RESULT 482
ID ADI27193 standard; protein; 1614 AA.
DE Mouse LRP binding family protein #27.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.8%; Score 237.5; DB 8; Length 1614;
Best Local Similarity 37.5%; Pred. No. 3.3e-10;
RESULT 483
ID ADI27174 standard; protein; 1614 AA.
DE Mouse LRP binding family protein #16.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.8%; Score 237.5; DB 8; Length 1614;
Best Local Similarity 37.5%; Pred. No. 3.3e-10;
RESULT 484
ID ADI27179 standard; protein; 1614 AA.
DE Mouse LRP binding family protein #18.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 18.8%; Score 237.5; DB 8; Length 1614;
Best Local Similarity 37.5%; Pred. No. 3.3e-10;
RESULT 485
ID ADN22356 standard; protein; 2180 AA.
DE Bacterial polypeptide #5009.

PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 18.8%; Score 237.5; DB 8; Length 2180;
Best Local Similarity 30.6%; Pred. No. 4.6e-10;
RESULT 486
ID AAU91288 standard; protein; 857 AA.
DE Human NOV5g protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.8%; Score 236.5; DB 5; Length 857;
Best Local Similarity 36.6%; Pred. No. 1.9e-10;
RESULT 487
ID ADH71756 standard; protein; 857 AA.
DE Human protein of the invention NOV28h SEQ ID NO:652.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.8%; Score 236.5; DB 8; Length 857;
Best Local Similarity 36.6%; Pred. No. 1.9e-10;
RESULT 488
ID ADH71768 standard; protein; 904 AA.
DE Human protein of the invention NOV28n SEQ ID NO:664.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.8%; Score 236.5; DB 8; Length 904;
Best Local Similarity 36.6%; Pred. No. 2.1e-10;
RESULT 489
ID AAU91290 standard; protein; 905 AA.
DE Human NOV5i protein.
PN WO200216600-A2.
PD 28-FEB-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.8%; Score 236.5; DB 5; Length 905;
Best Local Similarity 36.6%; Pred. No. 2.1e-10;
RESULT 490
ID ADH71742 standard; protein; 905 AA.
DE Human protein of the invention NOV28a SEQ ID NO:638.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.8%; Score 236.5; DB 8; Length 905;
Best Local Similarity 36.6%; Pred. No. 2.1e-10;
RESULT 491
ID ADH71766 standard; protein; 905 AA.
DE Human protein of the invention NOV28m SEQ ID NO:662.
PN WO2003102155-A2.
PD 11-DEC-2003.
PA (CURA-) CURAGEN CORP.
Query Match 18.8%; Score 236.5; DB 8; Length 905;
Best Local Similarity 36.6%; Pred. No. 2.1e-10;
RESULT 492
ID ABU62079 standard; protein; 4123 AA.
DE Human jelly belly (jeb) protein.
PN US2003054485-A1.
PD 20-MAR-2003.
PA (SCOT/) SCOTT M P.
PA (WEIS/) WEISS J B.
Query Match 18.8%; Score 236.5; DB 7; Length 4123;
Best Local Similarity 29.7%; Pred. No. 1.1e-09;
RESULT 493
ID ADH48718 standard; protein; 4219 AA.
DE NOV1 protein sequence, SEQ ID 2.
PN WO200268652-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 18.8%; Score 236.5; DB 5; Length 4219;

Best Local Similarity 29.7%; Pred. No. 1.1e-09;
RESULT 494
ID ADN95228 standard; protein; 5737 AA.
DE Human BEC/LEC-related protein sequence SeqID150.
PN WO2003080640-A1.
PD 02-OCT-2003.
PA (LUDW-) LUDWIG INST CANCER RES.
PA (LICN) LICENTIA LTD.
Query Match 18.8%; Score 236.5; DB 7; Length 5737;
Best Local Similarity 29.7%; Pred. No. 1.6e-09;
RESULT 495
ID AAW26356 standard; protein; 2213 AA.
DE Rabbit LDL receptor analogue.
PN EP773290-A2.
PD 14-MAY-1997.
PA (KOWA) KOWA CO LTD.
Query Match 18.7%; Score 236; DB 2; Length 2213;
Best Local Similarity 24.1%; Pred. No. 6.1e-10;
RESULT 496
ID ABG01306 standard; protein; 320 AA.
DE Novel human diagnostic protein #1297.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 18.6%; Score 234; DB 4; Length 320;
Best Local Similarity 30.7%; Pred. No. 1e-10;
RESULT 497
ID ADJ84058 standard; protein; 863 AA.
DE Caenorhabditis elegans fat metabolism-related LPO-1 protein.
PN WO2004007667-A2.
PD 22-JAN-2004.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 18.6%; Score 234; DB 8; Length 863;
Best Local Similarity 39.6%; Pred. No. 3.1e-10;
RESULT 498
ID ADN22779 standard; protein; 1357 AA.
DE Bacterial polypeptide #5432.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOV/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 18.6%; Score 234; DB 8; Length 1357;
Best Local Similarity 39.6%; Pred. No. 5.2e-10;
RESULT 499
ID ABB59371 standard; protein; 4601 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 4905.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 18.5%; Score 233.5; DB 4; Length 4601;
Best Local Similarity 29.9%; Pred. No. 2.2e-09;
RESULT 500
ID ADJ68958 standard; protein; 363 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID764.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 18.5%; Score 233; DB 7; Length 363;
Best Local Similarity 28.0%; Pred. No. 1.4e-10;
RESULT 501
ID ABB60973 standard; protein; 761 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9711.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 18.5%; Score 232.5; DB 4; Length 761;
Best Local Similarity 31.2%; Pred. No. 3.6e-10;
RESULT 502
ID ABB61029 standard; protein; 792 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9879.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 18.5%; Score 232.5; DB 4; Length 792;
Best Local Similarity 33.3%; Pred. No. 3.8e-10;
RESULT 503
ID AAU32631 standard; protein; 858 AA.
DE Novel human secreted protein #3122.
PN WO200179449-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 18.3%; Score 231; DB 4; Length 858;
Best Local Similarity 34.7%; Pred. No. 5.4e-10;
RESULT 504
ID ADI60124 standard; protein; 1235 AA.
DE Secreted polypeptide #8.
PN WO2003025142-A2.
PD 27-MAR-2003.
PA (HYSE-) HYSEQ INC.
Query Match 18.3%; Score 230.5; DB 7; Length 1235;
Best Local Similarity 24.4%; Pred. No. 8.9e-10;
RESULT 505
ID AU81062 standard; protein; 123 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #31.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 18.2%; Score 229; DB 5; Length 123;
Best Local Similarity 39.8%; Pred. No. 9.1e-11;
RESULT 506
ID ADQ39440 standard; protein; 4346 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1103.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 18.0%; Score 227; DB 8; Length 4346;
Best Local Similarity 30.8%; Pred. No. 7e-09;
RESULT 507
ID ADQ39439 standard; protein; 4347 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1102.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 18.0%; Score 227; DB 8; Length 4347;
Best Local Similarity 30.8%; Pred. No. 7e-09;
RESULT 508
ID ADJ69461 standard; protein; 4370 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID1267.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 18.0%; Score 227; DB 7; Length 4370;
Best Local Similarity 30.8%; Pred. No. 7e-09;
RESULT 509
ID AAE34390 standard; protein; 4391 AA.
DE Human perlecan protein.
PN WO200295415-A2.
PD 28-NOV-2002.
PA (OSTE-) OSTEOMETER BIO TECH AS.
Query Match 18.0%; Score 227; DB 6; Length 4391;
Best Local Similarity 30.8%; Pred. No. 7e-09;
RESULT 510
ID AAR47859 standard; protein; 322 AA.
DE Human LDL receptor Domains 1.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 18.0%; Score 226.5; DB 2; Length 322;
Best Local Similarity 31.0%; Pred. No. 4.2e-10;
RESULT 511
ID AAM23730 standard; protein; 729 AA.

DE Human EST encoded protein SEQ ID NO: 1255.
PN WO200154477-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 18.0%; Score 226.5; DB 4; Length 729;
Best Local Similarity 31.0%; Pred. No. 1e-09;
RESULT 512
ID ABU04132 standard; protein; 729 AA.
DE Human expressed protein tag (EPT) #798.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 729;
Best Local Similarity 31.0%; Pred. No. 1e-09;
RESULT 513
ID AAR47858 standard; protein; 750 AA.
DE Human LDL receptor Domains 1 and 2.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 18.0%; Score 226.5; DB 2; Length 750;
Best Local Similarity 31.0%; Pred. No. 1.1e-09;
RESULT 514
ID ABU04136 standard; protein; 750 AA.
DE Human expressed protein tag (EPT) #802.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 750;
Best Local Similarity 31.0%; Pred. No. 1.1e-09;
RESULT 515
ID ABU04128 standard; protein; 837 AA.
DE Human expressed protein tag (EPT) #794.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 837;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 516
ID ABU04143 standard; protein; 837 AA.
DE Human expressed protein tag (EPT) #809.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 837;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 517
ID ADD46365 standard; protein; 837 AA.
DE Human Protein AAF24515, SEQ ID NO 12043.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 18.0%; Score 226.5; DB 7; Length 837;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 518
ID ADE63404 standard; protein; 837 AA.
DE Human Protein AAF24515, SEQ ID NO 9343.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 18.0%; Score 226.5; DB 7; Length 837;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 519
ID ADI27194 standard; protein; 837 AA.
DE Human LRP binding family protein #16.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STON-) STOWERS INST MEDICAL RES.
Query Match 18.0%; Score 226.5; DB 8; Length 837;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 520

ID AAG64837 standard; protein; 839 AA.
DE Chronic hepatitis treatment related protein SEQ ID NO: 22.
PN WO200147545-A1.
PD 05-JUL-2001.
PA (SUMU) SUMITOMO PHARM CO LTD.
Query Match 18.0%; Score 226.5; DB 4; Length 839;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 521
ID AAB49601 standard; protein; 839 AA.
DE Human low density lipoprotein (LDL) receptor amino acid sequence.
PN JP2000279174-A.
PD 10-OCT-2000.
PA (BMLB-) BML KK.
Query Match 18.0%; Score 226.5; DB 4; Length 839;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 522
ID ABU04131 standard; protein; 839 AA.
DE Human expressed protein tag (EPT) #797.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 839;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 523
ID ABU04129 standard; protein; 839 AA.
DE Human expressed protein tag (EPT) #795.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 839;
Best Local Similarity 31.0%; Pred. No. 1.2e-09;
RESULT 524
ID AAR47157 standard; protein; 860 AA.
DE Sequence of human low density lipoprotein (LDL) receptor.
PN DE4222385-A1.
PD 13-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 18.0%; Score 226.5; DB 2; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 525
ID AAR47860 standard; protein; 860 AA.
DE Human LDL receptor.
PN WO9401553-A1.
PD 20-JAN-1994.
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH.
Query Match 18.0%; Score 226.5; DB 2; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 526
ID AAB90761 standard; protein; 860 AA.
DE Human shear stress-response protein SEQ ID NO: 22.
PN WO200125427-A1.
PD 12-APR-2001.
PA (KYOW) KYOWA HAKKO KOGYO KK.
PA (NOJI/) NOJIMA H.
Query Match 18.0%; Score 226.5; DB 4; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 527
ID ABB90525 standard; protein; 860 AA.
DE Hominidae low density lipoprotein receptor protein SEQ ID NO:1.
PN WO200206467-A1.
PD 24-JAN-2002.
PA (BMLB-) BML INC.
Query Match 18.0%; Score 226.5; DB 5; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 528
ID AAU98980 standard; protein; 860 AA.
DE Human low density lipoprotein receptor.
PN WO200248388-A2.
PD 20-JUN-2002.
PA (AGNE/) AGNELLO V.
Query Match 18.0%; Score 226.5; DB 5; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 529

ID ABG74544 standard; protein; 860 AA.
DE Human LDLR protein.
PN US6465196-B1.
PD 15-OCT-2002.
PA (TEXA) UNIV TEXAS SYSTEM.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 530
ID ABU04130 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #796.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 531
ID ABU04340 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #1006.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 532
ID ABU04141 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #807.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 533
ID ABU04126 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #792.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 534
ID ABU04135 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #801.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 535
ID ABU04127 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #793.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 536
ID ABU04142 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #808.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 537
ID ABU04137 standard; protein; 860 AA.
DE Human expressed protein tag (EPT) #803.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
ID ADJ68638 standard; protein; 860 AA.

DE Human heat mitochondrial protein as a therapeutic target SeqID444.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 18.0%; Score 226.5; DB 7; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 539
ID ADI28838 standard; protein; 860 AA.
DE Human modifier of p53 (MP53) LDLR.
PN WO2004004766-A1.
PD 15-JAN-2004.
PA (EXEL-) EXELIXIS INC.
Query Match 18.0%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 540
ID ADK70505 standard; protein; 860 AA.
DE Respiratory disease differentially expressed protein #71.
PN WO2003101283-A2.
PD 11-DEC-2003.
PA (INCY-) INCYTE CORP.
Query Match 18.0%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 541
ID ADK70525 standard; protein; 860 AA.
DE Respiratory disease differentially expressed protein #91.
PN WO2003101283-A2.
PD 11-DEC-2003.
PA (INCY-) INCYTE CORP.
Query Match 18.0%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 542
ID ADN03814 standard; protein; 860 AA.
DE Antipsoriatic protein sequence #103.
PN WO2004028479-A2.
PD 08-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 18.0%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 543
ID ADO55185 standard; protein; 860 AA.
DE Protein #87 with increased gene expression in renal cell carcinoma.
PN WO2004032842-A2.
PD 22-APR-2004.
PA (VAND-) VAN ANDEL INST.
Query Match 18.0%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 544
ID ADO19242 standard; protein; 860 AA.
DE Human PRO polypeptide #87.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 18.0%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 545
ID ADR28508 standard; protein; 860 AA.
DE Human low density lipoprotein (LDL) receptor protein sequence.
PN WO2004067740-A1.
PD 12-AUG-2004.
PA (EPAR-) EFARMES SA.
Query Match 18.0%; Score 226.5; DB 8; Length 860;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 546
ID ABB11799 standard; peptide; 872 AA.
DE Human LDL receptor homologue, SEQ ID NO:2169.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 18.0%; Score 226.5; DB 4; Length 872;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 547
ID ABU04140 standard; protein; 872 AA.

DE Human expressed protein tag (EPT) #806.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 872;
Best Local Similarity 31.0%; Pred. No. 1.3e-09;
RESULT 548
ID AAW07621 standard; protein; 1074 AA.
DE LDLR/TF chimeric protein.
PN WO9639510-A1.
PD 12-DEC-1996.
PA (TRAN-) TRANSKARYOTIC THERAPIES INC.
Query Match 18.0%; Score 226.5; DB 2; Length 1074;
Best Local Similarity 31.0%; Pred. No. 1.6e-09;
RESULT 549
ID AAW07622 standard; protein; 1410 AA.
DE LDLR/TF chimeric protein.
PN WO9639510-A1.
PD 12-DEC-1996.
PA (TRAN-) TRANSKARYOTIC THERAPIES INC.
Query Match 18.0%; Score 226.5; DB 2; Length 1410;
Best Local Similarity 31.0%; Pred. No. 2.2e-09;
RESULT 550
ID ABU04139 standard; protein; 1410 AA.
DE Human expressed protein tag (EPT) #805.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 1410;
Best Local Similarity 31.0%; Pred. No. 2.2e-09;
RESULT 551
ID AAU32831 standard; protein; 1418 AA.
DE Novel human secreted protein #3322.
PN WO200179449-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 18.0%; Score 226.5; DB 4; Length 1418;
Best Local Similarity 31.0%; Pred. No. 2.2e-09;
RESULT 552
ID ABU04138 standard; protein; 1418 AA.
DE Human expressed protein tag (EPT) #804.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCOS INC.
Query Match 18.0%; Score 226.5; DB 6; Length 1418;
Best Local Similarity 31.0%; Pred. No. 2.2e-09;
RESULT 553
ID AAR48547 standard; protein; 356 AA.
DE Sequence of human low density lipoprotein (LDL) receptor.
PN EP586094-A1.
PD 09-MAR-1994.
PA (WISC) WISCONSIN ALUMNI RES FOUND.
Query Match 17.9%; Score 225.5; DB 2; Length 356;
Best Local Similarity 31.0%; Pred. No. 5.7e-10;
RESULT 554
ID ADP21809 standard; protein; 96 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #9.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 17.9%; Score 225; DB 8; Length 96;
Best Local Similarity 37.7%; Pred. No. 1.5e-10;
RESULT 555
ID AAM37249 standard; protein; 120 AA.
DE Peptide #11286 encoded by probe for measuring placental gene expression.
PN WO200157272-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 17.9%; Score 225; DB 4; Length 120;
Best Local Similarity 40.0%; Pred. No. 1.9e-10;
RESULT 556
ID AAB31889 standard; protein; 4393 AA.
DE Amino acid sequence of a human protein.

PN WO200105422-A2.
PD 25-JAN-2001.
PA (INMR) BIONERIEUX STELHYS.
Query Match 17.8%; Score 224.5; DB 4; Length 4393;
Best Local Similarity 30.7%; Pred. No. 1.1e-08;
RESULT 557
ID ADL35758 standard; protein; 4393 AA.
DE Human perlecan (heparan sulphate proteoglycan 2; HSPG2) protein.
PN WO2004019893-A2.
PD 11-MAR-2004.
PA (RIGE-) RIGEL PHARM INC.
Query Match 17.8%; Score 224.5; DB 8; Length 4393;
Best Local Similarity 30.7%; Pred. No. 1.1e-08;
RESULT 558
ID ADQ39442 standard; protein; 4393 AA.
DE Human myocardial infarction-associated gene derived protein, SEQ ID 1105.
PN WO2004058052-A2.
PD 15-JUL-2004.
PA (APPL-) APPLERA CORP.
Query Match 17.8%; Score 224.5; DB 8; Length 4393;
Best Local Similarity 30.7%; Pred. No. 1.1e-08;
RESULT 559
ID ABG23265 standard; protein; 4436 AA.
DE Novel human diagnostic protein #23256.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 17.8%; Score 224.5; DB 4; Length 4436;
Best Local Similarity 30.7%; Pred. No. 1.1e-08;
RESULT 560
ID ADH73023 standard; protein; 1136 AA.
DE Human MEGF7-related protein sequence SeqID2.
PN GB2381790-A.
PD 14-MAY-2003.
PA (GLAX) GLAXO GROUP LTD.
Query Match 17.7%; Score 223; DB 7; Length 1136;
Best Local Similarity 30.2%; Pred. No. 3.3e-09;
RESULT 561
ID AAE30206 standard; protein; 1630 AA.
DE Human LP288 mature protein variant #1.
PN WO200274906-A2.
PD 26-SEP-2002.
PA (ELIL) LILLY & CO ELI.
Query Match 17.6%; Score 221.5; DB 6; Length 1630;
Best Local Similarity 40.6%; Pred. No. 6.5e-09;
RESULT 562
ID AAE29923 standard; protein; 1905 AA.
DE Human LP288 protein.
PN WO200274906-A2.
PD 26-SEP-2002.
PA (ELIL) LILLY & CO ELI.
Query Match 17.6%; Score 221.5; DB 6; Length 1905;
Best Local Similarity 40.6%; Pred. No. 7.7e-09;
RESULT 563
ID ADH73026 standard; protein; 1905 AA.
DE Human MEGF7 protein amino acid sequence.
PN GB2381790-A.
PD 14-MAY-2003.
PA (GLAX) GLAXO GROUP LTD.
Query Match 17.6%; Score 221.5; DB 7; Length 1905;
Best Local Similarity 40.6%; Pred. No. 7.7e-09;
RESULT 564
ID ADD93399 standard; protein; 1906 AA.
DE Human lipid-associated molecule LIPAM-6 polypeptide.
PN WO2003083081-A2.
PD 09-OCT-2003.
PA (INCY-) INCYTE CORP.
Query Match 17.6%; Score 221.5; DB 7; Length 1906;
Best Local Similarity 40.6%; Pred. No. 7.8e-09;
RESULT 565
ID AAB51715 standard; protein; 139 AA.
DE Gene 44 human secreted protein homologous amino acid sequence #155.
PN WO200061620-A1.

PD 19-OCT-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
PA (ROSE/) ROSEN C A.
Query Match 17.5%; Score 221; DB 3; Length 139;
Best Local Similarity 45.7%; Pred. No. 4.6e-10;
RESULT 566
ID AAW83310 standard; protein; 1451 AA.
DE LRP5 protein from isoform 2 (also isoform 4,5,6).
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 17.5%; Score 220.5; DB 2; Length 1451;
Best Local Similarity 32.2%; Pred. No. 6.9e-09;
RESULT 567
ID AAW83308 standard; protein; 1591 AA.
DE Mature LRP5 protein.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 17.5%; Score 220.5; DB 2; Length 1591;
Best Local Similarity 32.2%; Pred. No. 7.6e-09;
RESULT 568
ID ADI21780 standard; protein; 1611 AA.
DE Human LRP binding family protein #11.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 17.5%; Score 220.5; DB 8; Length 1611;
Best Local Similarity 32.2%; Pred. No. 7.7e-09;
RESULT 569
ID AAW83309 standard; protein; 1615 AA.
DE LRP5 protein from the longest open reading frame.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 17.5%; Score 220.5; DB 2; Length 1615;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 570
ID RAE21740 standard; protein; 1615 AA.
DE Human BSMR protein mutant, R494Q.
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
PA (UYCA-) UNIV CASE WESTERN RESERVE.
Query Match 17.5%; Score 220.5; DB 5; Length 1615;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 571
ID RAE21730 standard; protein; 1615 AA.
DE Human bone strength and mineralisation regulatory protein (BSMR).
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
PA (UYCA-) UNIV CASE WESTERN RESERVE.
Query Match 17.5%; Score 220.5; DB 5; Length 1615;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 572
ID ABR41131 standard; protein; 1615 AA.
DE Human LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.5%; Score 220.5; DB 6; Length 1615;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 573
ID ADB98798 standard; protein; 1615 AA.
DE Human Znax1(LRP5).
PN WO200292000-A2.

PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.5%; Score 220.5; DB 7; Length 1615;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 574
ID ADI27181 standard; protein; 1615 AA.
DE Human LRP binding family protein #12.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 17.5%; Score 220.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 575
ID ABO84659 standard; protein; 1615 AA.
DE Human cancer-associated protein HP20-001.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 17.5%; Score 220.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 576
ID ADR73482 standard; protein; 1615 AA.
DE Human low density lipoprotein receptor-related protein 5, LRP5, protein.
PN WO2004076682-A2.
PD 10-SEP-2004.
PA (SURRE-) SURROMED INC.
Query Match 17.5%; Score 220.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 577
ID ABM85665 standard; protein; 1627 AA.
DE Human protein sequence hCP1690976.
PN WO2003073826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
Query Match 17.5%; Score 220.5; DB 7; Length 1627;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 578
ID ABO84660 standard; protein; 1627 AA.
DE Human cancer-associated protein HP20-001.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 17.5%; Score 220.5; DB 8; Length 1627;
Best Local Similarity 32.2%; Pred. No. 7.8e-09;
RESULT 579
ID AAW83311 standard; protein; 1639 AA.
DE LRP5 isoform 3 protein.
PN WO9846743-A1.
PD 22-OCT-1998.
PA (WELL) WELLCOME TRUST LTD.
PA (MERI) MERCK & CO INC.
Query Match 17.5%; Score 220.5; DB 2; Length 1639;
Best Local Similarity 32.2%; Pred. No. 7.9e-09;
RESULT 580
ID ABR41133 standard; protein; 1665 AA.
DE Human LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.5%; Score 220.5; DB 6; Length 1665;
Best Local Similarity 32.2%; Pred. No. 8e-09;
RESULT 581
ID ADB98800 standard; protein; 1665 AA.
DE Human Znax1(LRP5).
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.5%; Score 220.5; DB 7; Length 1665;
Best Local Similarity 32.2%; Pred. No. 8e-09;
RESULT 582

ID AAU81041 standard; protein; 231 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #10.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 17.4%; Score 219.5; DB 5; Length 231;
Best Local Similarity 36.4%; Pred. No. 1.1e-09;
RESULT 583
ID AAR97207 standard; protein; 944 AA.
DE Human calcium sensor protein (pCAS-2 product).
PN WO9615801-A1.
PD 30-MAY-1996.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 17.4%; Score 219.5; DB 2; Length 944;
Best Local Similarity 33.8%; Pred. No. 5.2e-09;
RESULT 584
ID AA433310 standard; protein; 944 AA.
DE Human placenta calcium sensor protein.
PN WO9744050-A1.
PD 27-NOV-1997.
PA (RHON) RHONE-POULENC RORER PHARM INC.
Query Match 17.4%; Score 219.5; DB 2; Length 944;
Best Local Similarity 33.8%; Pred. No. 5.2e-09;
RESULT 585
ID AAG68169 standard; protein; 1615 AA.
DE Human Zmax1 protein SEQ ID NO:3.
PN WO200177327-A1.
PD 18-OCT-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 17.4%; Score 219.5; DB 4; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 586
ID AAG68170 standard; protein; 1615 AA.
DE Human HBM protein SEQ ID NO:4.
PN WO200177327-A1.
PD 18-OCT-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 17.4%; Score 219.5; DB 4; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 587
ID AAE21741 standard; protein; 1615 AA.
DE Human BSMR protein mutant, A1330L.
PN WO200216553-A2.
PD 28-FEB-2002.
PA (AVET) AVENTIS PHARMA SA.
PA (HARD) HARVARD COLLEGE.
Query Match 17.4%; Score 219.5; DB 5; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 588
ID AAU80879 standard; protein; 1615 AA.
DE Human Zmax1 polypeptide.
PN WO200192891-A2.
PD 06-DEC-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON SCHOOL MEDICINE.
Query Match 17.4%; Score 219.5; DB 5; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 589
ID AAU80880 standard; protein; 1615 AA.
DE Human high bone mass (HBM) polypeptide.
PN WO200192891-A2.
PD 06-DEC-2001.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON SCHOOL MEDICINE.
Query Match 17.4%; Score 219.5; DB 5; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 590
ID ABR41093 standard; protein; 1615 AA.
DE Human wild-type LRP5.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 591
ID ABR41094 standard; protein; 1615 AA.
DE Human LRP5 allelic variant HBM.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.4%; Score 219.5; DB 6; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 592
ID ADB98058 standard; protein; 1615 AA.
DE Human LRP5.
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.4%; Score 219.5; DB 7; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 593
ID ADB98059 standard; protein; 1615 AA.
DE LRP5 mutain.
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.4%; Score 219.5; DB 7; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 594
ID ADE82428 standard; protein; 1615 AA.
DE Human HBM gene.
PN WO200292015-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.4%; Score 219.5; DB 7; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 595
ID ADE82427 standard; protein; 1615 AA.
DE Human Zmax1 gene.
PN WO200292015-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 17.4%; Score 219.5; DB 7; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 596
ID ADO20524 standard; protein; 1615 AA.
DE Human soft tissue sarcoma-upregulated protein - SEQ ID 3344.
PN WO2004048938-A2.
PD 10-JUN-2004.
PA (PROT-) PROTEIN DESIGN LABS INC.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 597
ID ADRI7561 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #2.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 598
ID ADRI6921 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #1.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 599

ID ADR17560 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #2.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 600
ID ADR16922 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #1.
PN US6780609-B1.
PD 24-AUG-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 601
ID ADR47572 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #1.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 602
ID ADR48212 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #2.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 603
ID ADR47573 standard; protein; 1615 AA.
DE Human high bone mass gene, HBM allele, protein #1.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 604
ID ADR48211 standard; protein; 1615 AA.
DE Human high bone mass gene, wild type allele Zmax1, protein #2.
PN US2004176582-A1.
PD 09-SEP-2004.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (UYCR-) UNIV CREIGHTON.
Query Match 17.4%; Score 219.5; DB 8; Length 1615;
Best Local Similarity 32.2%; Pred. No. 9.4e-09;
RESULT 605
ID ASG21064 standard; protein; 9222 AA.
DE Novel human diagnostic protein #21055.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 17.4%; Score 219; DB 4; Length 9222;
Best Local Similarity 25.8%; Pred. No. 7.1e-08;
RESULT 606
ID ABB63614 standard; protein; 4072 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 17634.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 17.3%; Score 218.5; DB 4; Length 4072;
Best Local Similarity 30.1%; Pred. No. 3.2e-08;
RESULT 607
ID ASU61392 standard; peptide; 36 AA.
DE Human A domain from cDNA AAH07083 #2.
PN WO200288171-A2.
PD 07-NOV-2002.
PA (MAXY-) MAXYGEN INC.

Query Match 17.3%; Score 218; DB 6; Length 36;
Best Local Similarity 100.0%; Pred. No. 1.8e-10;
RESULT 608
ID ADP21614 standard; peptide; 36 AA.
DE Low density lipoprotein (LDL) receptor A domain peptide SeqID 190.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 17.3%; Score 218; DB 8; Length 36;
Best Local Similarity 100.0%; Pred. No. 1.8e-10;
RESULT 609
ID ADC86931 standard; protein; 348 AA.
DE Human GPCR protein SEQ ID NO:1284.
PN EP1270724-A2.
PD 03-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO.
Query Match 17.3%; Score 217.5; DB 7; Length 348;
Best Local Similarity 29.9%; Pred. No. 2.5e-09;
RESULT 610
ID AAE26419 standard; protein; 1553 AA.
DE Human transmembrane protein (TMP)-5 protein.
PN WO200234783-A2.
PD 02-MAY-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 17.3%; Score 217.5; DB 5; Length 1553;
Best Local Similarity 28.5%; Pred. No. 1.3e-08;
RESULT 611
ID ADH48776 standard; protein; 1852 AA.
DE NOV25 protein sequence, SEQ ID 60.
PN WO200268652-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 17.3%; Score 217.5; DB 5; Length 1852;
Best Local Similarity 38.2%; Pred. No. 1.6e-08;
RESULT 612
ID ABU61391 standard; peptide; 36 AA.
DE Human A domain from cDNA AAH07083 #1.
PN WO200288171-A2.
PD 07-NOV-2002.
PA (MAXY-) MAXYGEN INC.
Query Match 17.2%; Score 217; DB 6; Length 36;
Best Local Similarity 100.0%; Pred. No. 2.2e-10;
RESULT 613
ID ADP21613 standard; peptide; 36 AA.
DE Low density lipoprotein (LDL) receptor A domain peptide SeqID 189.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 17.2%; Score 217; DB 8; Length 36;
Best Local Similarity 100.0%; Pred. No. 2.2e-10;
RESULT 614
ID AAU81045 standard; protein; 166 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #14.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 17.1%; Score 216; DB 5; Length 166;
Best Local Similarity 37.2%; Pred. No. 1.4e-09;
RESULT 615
ID AAU81039 standard; protein; 208 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #8.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 17.1%; Score 216; DB 5; Length 208;
Best Local Similarity 37.2%; Pred. No. 1.8e-09;
RESULT 616
ID AAY44427 standard; protein; 1113 AA.
DE Mouse Serine protease, Corin.
PN WO9964608-A1.
PD 16-DEC-1999.
PA (SCHD) SCHERING AG.

Best Local Similarity 36.4%; Pred. No. 2.5e-08;
RESULT 626
ID AAU81050 standard; protein; 126 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #19.
FN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 16.9%; Score 213; DB 5; Length 126;
Best Local Similarity 37.3%; Pred. No. 1.8e-09;
RESULT 627
ID AAY22599 standard; peptide; 322 AA.
DE LDL receptor fragment.
FN WO938524-A2.
PD 05-AUG-1999.
PA (PREN/) PRENDERGAST P T.
Query Match 16.9%; Score 213; DB 2; Length 322;
Best Local Similarity 32.9%; Pred. No. 5.2e-09;
RESULT 628
ID ABU11822 standard; protein; 420 AA.
DE Human MDDT polypeptide SEQ ID 769.
FN WO200279449-A2.
PD 10-OCT-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 16.6%; Score 209.5; DB 6; Length 420;
Best Local Similarity 34.0%; Pred. No. 1.3e-08;
RESULT 629
ID AAE26420 standard; protein; 1718 AA.
DE Human transmembrane protein (TWP)-6 protein.
FN WO200234783-A2.
PD 02-MAY-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 16.6%; Score 209.5; DB 5; Length 1718
Best Local Similarity 34.0%; Pred. No. 6.5e-08;
RESULT 630
ID AAM93222 standard; protein; 448 AA.
DE Human polypeptide, SEQ ID NO: 2633.
FN EP1130094-A2.
PD 05-SEP-2001.
PA (HELI-) HELIX RES INST.
Query Match 16.5%; Score 208; DB 4; Length 448;
Best Local Similarity 29.4%; Pred. No. 1.9e-08;
RESULT 631
ID ADJ30600 standard; protein; 448 AA.
DE Human protein encoded by a full length cDNA clone SeqID 2633.
FN EP1396543-A2.
PD 10-MAR-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 16.5%; Score 208; DB 8; Length 448;
Best Local Similarity 29.4%; Pred. No. 1.9e-08;
RESULT 632
ID AAM93820 standard; protein; 836 AA.
DE Human polypeptide, SEQ ID NO: 3875.
FN EP1130094-A2.
PD 05-SEP-2001.
PA (HELI-) HELIX RES INST.
Query Match 16.5%; Score 208; DB 4; Length 836;
Best Local Similarity 29.4%; Pred. No. 3.8e-08;
RESULT 633
ID ADJ31842 standard; protein; 836 AA.
DE Human protein encoded by a full length cDNA clone SeqID 3875.
FN EP1396543-A2.
PD 10-MAR-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 16.5%; Score 208; DB 8; Length 836;
Best Local Similarity 29.4%; Pred. No. 3.8e-08;
RESULT 634
ID ADM90833 standard; protein; 1609 AA.
DE Human pharmaceutically useful protein SeqID 2226.
FN WO2004020595-A2.
PD 11-MAR-2004.
PA (FIVE-) FIVE PRIME THERAPEUTICS INC.
PA (RIKE-) RIKEN INST PHYSICAL & CHEM RES.
PA (DNAF-) DNAFORM KK.

Query Match 16.5%; Score 208; DB 8; Length 1609;
Best Local Similarity 29.4%; Pred. No. 8e-08;
RESULT 635
ID ABR41134 standard; protein; 1613 AA.
DE Human LRP6 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 16.5%; Score 208; DB 6; Length 1613;
Best Local Similarity 29.4%; Pred. No. 8e-08;
RESULT 636
ID ADB98801 standard; protein; 1613 AA.
DE Human LRP6.
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 16.5%; Score 208; DB 7; Length 1613;
Best Local Similarity 29.4%; Pred. No. 8e-08;
RESULT 637
ID ADI27182 standard; protein; 1613 AA.
DE Mouse LRP binding family protein #19.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 16.5%; Score 208; DB 8; Length 1613;
Best Local Similarity 28.1%; Pred. No. 8e-08;
RESULT 638
ID ADI27183 standard; protein; 1613 AA.
DE Human LRP binding family protein #13.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 16.5%; Score 208; DB 8; Length 1613;
Best Local Similarity 29.4%; Pred. No. 8e-08;
RESULT 639
ID ABB64889 standard; protein; 2616 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 21459.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 16.5%; Score 208; DB 4; Length 2616;
Best Local Similarity 36.6%; Pred. No. 1.4e-07;
RESULT 640
ID ADP21770 standard; protein; 85 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A5.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 16.5%; Score 207.5; DB 8; Length 85;
Best Local Similarity 36.1%; Pred. No. 3.3e-09;
RESULT 641
ID ADD46363 standard; protein; 879 AA.
DE Rat Protein P35952, SEQ ID NO 12041.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 16.5%; Score 207.5; DB 7; Length 879;
Best Local Similarity 36.3%; Pred. No. 4.5e-08;
RESULT 642
ID ADE63402 standard; protein; 879 AA.
DE Rat Protein P35952, SEQ ID NO 9341.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
PA (FARB) BAYER AG.
Query Match 16.5%; Score 207.5; DB 7; Length 879;
Best Local Similarity 36.3%; Pred. No. 4.5e-08;
RESULT 643
ID ADP21807 standard; protein; 97 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #4.
PN WO200278524-A2.
PD 10-OCT-2002.
PN WO2004044011-A2.
PA (AVID-) AVIDIA RES INST.
Query Match 16.4%; Score 207; DB 8; Length 97;
Best Local Similarity 34.4%; Pred. No. 4.2e-09;
RESULT 644
ID ABR43310 standard; protein; 527 AA.
DE Human lipid-associated molecule LIPAM-15 protein SEQ ID NO:15.
PN WO2003025150-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 16.4%; Score 206.5; DB 6; Length 527;
Best Local Similarity 32.0%; Pred. No. 3e-08;
RESULT 645
ID ADM47265 standard; protein; 404 AA.
DE LDL receptor domain containing protein NOVX 21a protein.
PN WO2003083039-A2.
PD 09-OCT-2003.
PA (CURA-) CURAGEN CORP.
Query Match 16.3%; Score 205; DB 7; Length 404;
Best Local Similarity 34.0%; Pred. No. 3e-08;
RESULT 646
ID ADP21773 standard; protein; 83 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A19.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 16.2%; Score 203.5; DB 8; Length 83;
Best Local Similarity 34.5%; Pred. No. 6.8e-09;
RESULT 647
ID ADN11591 standard; protein; 986 AA.
DE Human CD91 protein fragment SEQ ID NO: 12.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
Query Match 16.1%; Score 203; DB 8; Length 986;
Best Local Similarity 33.1%; Pred. No. 1.2e-07;
RESULT 648
ID ADN23115 standard; protein; 548 AA.
DE Bacterial polypeptide #5768.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 16.1%; Score 202.5; DB 8; Length 548;
Best Local Similarity 34.3%; Pred. No. 6.7e-08;
RESULT 649
ID ADG31207 standard; protein; 572 AA.
DE Novel mouse protein #8.
PN WO2003089644-A1.
PD 30-OCT-2003.
PA (RIKE) RIKEN KK.
PA (DNAP-) DNAFORM KK.
PA (MITU) MITSUBISHI CHEM CORP.
Query Match 16.1%; Score 202.5; DB 8; Length 572;
Best Local Similarity 40.2%; Pred. No. 7e-08;
RESULT 650
ID AAR07713 standard; protein; 800 AA.
DE Human low density lipoprotein receptor.
PN US4966837-A.
PD 30-OCT-1990.
PA (TEXA) UNIV OF TEXAS SVSTE.
Query Match 16.0%; Score 201.5; DB 2; Length 800;
Best Local Similarity 25.4%; Pred. No. 1.2e-07;
RESULT 651
ID ABU04134 standard; protein; 800 AA.
DE Human expressed protein tag (EPT) #800.
PN WO200278524-A2.
PD 10-OCT-2002.

PA (ZYCO-) ZYCOS INC.
Query Match 16.0%; Score 201.5; DB 6; Length 800;
Best Local Similarity 25.4%; Pred. No. 1.2e-07;
RESULT 652
ID AAR05532 standard; protein; 159 AA.
DE Fragment of Heymann nephritis antigen, gp330.
PN EP358977-A.
PD 21-MAR-1990.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 16.0%; Score 201; DB 2; Length 159;
Best Local Similarity 39.2%; Pred. No. 2.2e-08;
RESULT 653
ID AAU81038 standard; protein; 161 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #7.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 16.0%; Score 201; DB 5; Length 161;
Best Local Similarity 30.9%; Pred. No. 2.3e-08;
RESULT 654
ID AAY44426 standard; protein; 1042 AA.
DE Human serine protease, Corin.
PN WO9964608-A1.
PD 16-DEC-1999.
PA (SCHD) SCHERING AG.
Query Match 16.0%; Score 201; DB 3; Length 1042;
Best Local Similarity 40.3%; Pred. No. 1.8e-07;
RESULT 655
ID AAE06939 standard; protein; 1042 AA.
DE Human corin protein.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 16.0%; Score 201; DB 4; Length 1042;
Best Local Similarity 40.3%; Pred. No. 1.8e-07;
RESULT 656
ID ADI10398 standard; protein; 1042 AA.
DE Human cell surface protease #15.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 16.0%; Score 201; DB 7; Length 1042;
Best Local Similarity 40.3%; Pred. No. 1.8e-07;
RESULT 657
ID ADJ46922 standard; protein; 1042 AA.
DE Human transmembrane serine protease (MTSP)-related polypeptide #5.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 16.0%; Score 201; DB 8; Length 1042;
Best Local Similarity 40.3%; Pred. No. 1.8e-07;
RESULT 658
ID ADR29373 standard; protein; 1042 AA.
DE Human corin dopaminergic neuronal marker SEQ ID NO:4.
PN WO2004065599-A1.
PD 05-AUG-2004.
PA (EISA) EISAI CO LTD.
Query Match 16.0%; Score 201; DB 8; Length 1042;
Best Local Similarity 40.3%; Pred. No. 1.8e-07;
RESULT 659
ID ABB11975 standard; peptide; 1076 AA.
DE Human corin homologue, SEQ ID NO:2345.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 16.0%; Score 201; DB 4; Length 1076;
Best Local Similarity 40.3%; Pred. No. 1.9e-07;
RESULT 660
ID ADP21772 standard; protein; 80 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A17.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.

Query Match 15.8%; Score 199; DB 8; Length 80;
Best Local Similarity 35.1%; Pred. No. 1.5e-08;
RESULT 661
ID ADP21810 standard; protein; 86 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #8.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 15.7%; Score 198; DB 8; Length 86;
Best Local Similarity 36.8%; Pred. No. 2e-08;
RESULT 662
ID AAU81037 standard; protein; 122 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #6.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 15.7%; Score 197.5; DB 5; Length 122;
Best Local Similarity 36.1%; Pred. No. 3.2e-08;
RESULT 663
ID AAU81040 standard; protein; 150 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #9.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 15.7%; Score 197.5; DB 5; Length 150;
Best Local Similarity 36.1%; Pred. No. 4e-08;
RESULT 664
ID ADP21766 standard; protein; 81 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A1.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 15.6%; Score 196.5; DB 8; Length 81;
Best Local Similarity 35.1%; Pred. No. 2.4e-08;
RESULT 665
ID AAU18663 standard; protein; 72 AA.
DE Renal and cardiovascular-associated protein, Seq ID 102.
PN WO200155328-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 15.6%; Score 196; DB 4; Length 72;
Best Local Similarity 100.0%; Pred. No. 2.3e-08;
RESULT 666
ID AAU20442 standard; protein; 72 AA.
DE Human secreted protein, Seq ID No 434.
PN WO200155328-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 15.6%; Score 196; DB 4; Length 72;
Best Local Similarity 100.0%; Pred. No. 2.3e-08;
RESULT 667
ID AAM85771 standard; protein; 72 AA.
DE Human immune/haematopoietic antigen SEQ ID NO:13364.
PN WO200157182-A2.
PD 09-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 15.6%; Score 196; DB 4; Length 72;
Best Local Similarity 100.0%; Pred. No. 2.3e-08;
RESULT 668
ID ABU97278 standard; protein; 72 AA.
DE Human polypeptide #20.
PN US2003013649-A1.
PD 16-JAN-2003.
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match 15.6%; Score 196; DB 6; Length 72;
Best Local Similarity 100.0%; Pred. No. 2.3e-08;
RESULT 669
ID ADP21808 standard; protein; 90 AA.
DE Human IL6 specific LDL receptor A domain protein monomer #7.
PN WO2004044011-A2.
PD 27-MAY-2004.

PA (AVID-) AVIDIA RES INST.
 Query Match 15.4%; Score 196; DB 8; Length 90;
 Best Local Similarity 36.8%; Pred. No. 3e-08;
 RESULT 670
 ID ABP51279 standard; protein; 354 AA.
 DE Human MDDT SEQ ID NO 301.
 PN WO200240715-A2.
 PD 23-MAY-2002.
 PA (INCY-) INCYTE GENOMICS INC.
 Query Match 15.6%; Score 196; DB 5; Length 354;
 Best Local Similarity 32.1%; Pred. No. 1.4e-07;
 RESULT 671
 ID ADH71744 standard; protein; 336 AA.
 DE Human protein of the invention NOV28b SEQ ID NO:640.
 PN WO2003102155-A2.
 PD 11-DEC-2003.
 PA (CURA-) CURAGEN CORP.
 Query Match 15.4%; Score 194.5; DB 8; Length 336;
 Best Local Similarity 29.2%; Pred. No. 1.7e-07;
 RESULT 672
 ID ABO58310 standard; protein; 338 AA.
 DE Human genome derived single exon protein #4544.
 PN US2003194704-A1.
 PD 16-OCT-2003.
 PA (PENW/) PENW S G.
 PA (RANK/) RANK D R.
 PA (HANZ/) HANZEL D K.
 Query Match 15.4%; Score 194; DB 8; Length 338;
 Best Local Similarity 34.2%; Pred. No. 1.9e-07;
 RESULT 673
 ID AAB59032 standard; protein; 485 AA.
 DE Breast and ovarian cancer associated antigen protein sequence SEQ ID 740.
 PN WO200055173-A1.
 PD 21-SEP-2000.
 PA (HUMA-) HUMAN GENOME SCI INC.
 Query Match 15.4%; Score 194; DB 3; Length 485;
 Best Local Similarity 34.2%; Pred. No. 2.8e-07;
 RESULT 674
 ID AAY15228 standard; protein; 591 AA.
 DE Human receptor protein (HURP) 7 amino acid sequence.
 PN WO9941375-A2.
 PD 19-AUG-1999.
 PA (INCY-) INCYTE PHARM INC.
 Query Match 15.4%; Score 194; DB 2; Length 591;
 Best Local Similarity 34.2%; Pred. No. 3.5e-07;
 RESULT 675
 ID AAY41712 standard; protein; 713 AA.
 DE Human PRO724 protein sequence.
 PN WO9946281-A2.
 PD 16-SEP-1999.
 PA (GETH-) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 2; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 676
 ID AAY71081 standard; protein; 713 AA.
 DE Human TANGO 136 protein.
 PN WO200026227-A1.
 PD 11-MAY-2000.
 PA (MILL-) MILLENNIUM PHARM INC.
 Query Match 15.4%; Score 194; DB 3; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 677
 ID AAB44268 standard; protein; 713 AA.
 DE Human PRO724 (UNQ389) protein sequence SEQ ID NO:183.
 PN WO200053756-A2.
 PD 14-SEP-2000.
 PA (GETH-) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 3; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 678
 ID RAU29231 standard; protein; 713 AA.
 DE Human PRO polypeptide sequence #208.
 PN WO200168848-A2.

PD 20-SEP-2001.
 PA (GETH-) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 4; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 679
 ID ABB90346 standard; protein; 713 AA.
 DE Human polypeptide SEQ ID NO 2722.
 PN WO200190304-A2.
 PD 29-NOV-2001.
 PA (HUMA-) HUMAN GENOME SCI INC.
 Query Match 15.4%; Score 194; DB 5; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 680
 ID ABB84856 standard; protein; 713 AA.
 DE Human PRO724 protein sequence SEQ ID NO:80.
 PN WO20020690-A2.
 PD 03-JAN-2002.
 PA (GETH-) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 5; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 681
 ID ABB05751 standard; protein; 713 AA.
 DE Human G protein-coupled receptor NOV2 protein SEQ ID NO:6.
 PN WO200200891-A2.
 PD 03-JAN-2002.
 PA (CURA-) CURAGEN CORP.
 Query Match 15.4%; Score 194; DB 5; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 682
 ID ABB95462 standard; protein; 713 AA.
 DE Human angiogenesis related protein PRO724 SEQ ID NO: 80.
 PN WO200208284-A2.
 PD 31-JAN-2002.
 PA (GETH-) GENENTECH INC.
 PA (BAKE/) BAKER K P.
 PA (FERR/) FERRARA N.
 PA (GERB/) GERBER H.
 PA (GERR/) GERRITSEN M E.
 PA (GODO/) GODOWSKI P J.
 PA (GURN/) GURNEY A L.
 PA (HILL/) HILLAN K J.
 PA (MARS/) MARSTERS S A.
 PA (PANJ/) PAN J.
 PA (PAON/) PAONI N F.
 PA (STEP/) STEPHAN J F.
 PA (WATA/) WATANABE C K.
 PA (WILL/) WILLIAMS P M.
 PA (WOOD/) WOOD W I.
 Query Match 15.4%; Score 194; DB 5; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 683
 ID ABUS8607 standard; protein; 713 AA.
 DE Human PRO polypeptide #208.
 PN US2003027272-A1.
 PD 06-FEB-2003.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 684
 ID ABUS8155 standard; protein; 713 AA.
 DE Novel human secreted and transmembrane protein PRO724.
 PN US2003032127-A1.
 PD 13-FEB-2003.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 685
 ID ABUS4470 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003032112-A1.
 PD 13-FEB-2003.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 686

ID ABR66344 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027278-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 687
ID ABR65734 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036159-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 688
ID ABU99674 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040070-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 689
ID ABU82913 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032113-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 690
ID ABU90034 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036147-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 691
ID ABR68283 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027264-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 692
ID ADA57036 standard; protein; 713 AA.
DE Human secreted protein #19.
PN WO2002102994-A2.
PD 27-DEC-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 693
ID ABU96336 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036144-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 694
ID ABU92767 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036149-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 695
ID ABO08844 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044923-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 696
ID ABO02896 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.

PN US2003040062-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 697
ID ABR75050 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040056-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 698
ID ABR94812 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044926-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 699
ID ABO25214 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003050239-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 700
ID ABUS785 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036140-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 701
ID ABU98945 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003013153-A1.
PD 16-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 702
ID ABU98160 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003017544-A1.
PD 23-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 703
ID ABU91866 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003027277-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 704
ID ABU72220 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2002192706-A1.
PD 19-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 705
ID ABU89559 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036141-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 706
ID ABU86400 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.

PN US2003036146-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 707
ID ABU67613 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036162-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 708
ID ABU80641 standard; protein; 713 AA.
DE Human PRO protein #208.
PN US2003036137-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 709
ID ABR99559 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040063-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 710
ID ABR98949 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040064-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 711
ID ABO16472 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027267-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 712
ID ABR23272 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036160-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 713
ID ABO19013 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044925-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 714
ID ABR78434 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054474-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 715
ID ABU85170 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032114-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 716
ID ABO00309 standard; protein; 713 AA.

DE Novel human secreted and transmembrane protein PRO724.
PN US2003032101-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 717
ID ABO11641 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036124-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 718
ID ABO02286 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040054-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 719
ID ADA40891 standard; protein; 713 AA.
DE Human secreted protein.
PN WO2002102993-A2.
PD 27-DEC-2002.
PA (HUMA-) HUMA GENOME SCI INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 720
ID ASU88860 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036133-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 721
ID ASU83555 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036134-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 722
ID ABO06356 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022294-A1.
PD 30-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 723
ID ABR59392 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027275-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 724
ID ABO09454 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027324-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 725
ID ABO19318 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036118-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 726
ID ABO11336 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.

PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 747
ID ABR67978 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027269-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 748
ID ABR65366 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027268-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 749
ID ABR68588 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027274-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 750
ID ABR72000 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032135-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 751
ID ABU85480 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022295-A1.
PD 30-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 752
ID ABU89170 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003022297-A1.
PD 30-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 753
ID ABU83250 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032105-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 754
ID ABU95106 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032123-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 755
ID ABU90654 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032108-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 756
ID ABU84165 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032111-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 757
ID ABU93816 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032119-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 758
ID ABR65061 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027263-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 759
ID ABR68893 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027271-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 760
ID ABO06709 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036125-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 761
ID ABR99254 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040068-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 762
ID ABU57138 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003027280-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 763
ID ABU86090 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022300-A1.
PD 30-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 764
ID ABU82377 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036136-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 765
ID ABU87388 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036138-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 766
ID ABU83860 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032109-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 767

ID ABO08234 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003040066-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 768
ID ABU81945 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032104-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 769
ID ABU66109 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036157-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 770
ID ABR59938 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032120-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 771
ID ABU94126 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036155-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 772
ID ABU80367 standard; protein; 713 AA.
DE Human secreted/transmembrane protein PRO724.
PN US2003004102-A1.
PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 773
ID ABU99979 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003022296-A1.
PD 30-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 774
ID ABR66649 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027281-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 775
ID ABR91067 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040058-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 776
ID ABU94494 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003017540-A1.
PD 23-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 777
ID ABU79376 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036142-A1.

DE Human PRO polypeptide #208.
PN US2003032106-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 778
ID ABU86705 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032129-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 779
ID ABU87010 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032131-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 780
ID ABU94799 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032103-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 781
ID ABO04726 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032107-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 782
ID ABR70475 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032139-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 783
ID ABU98640 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022301-A1.
PD 30-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 784
ID ABR66039 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036185-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 785
ID ABR64756 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027262-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 786
ID ABU79681 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032110-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 787
ID ABU93072 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036142-A1.

PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 788
ID ABU96031 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036145-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 789
ID ABU91251 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036154-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 790
ID ABU90344 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003036153-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 791
ID ABO09759 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044931-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 792
ID ABO11031 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036150-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 793
ID ABR71085 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040069-A1.
PD 21-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 794
ID ABU87693 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003022293-A1.
PD 30-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 795
ID ABU91561 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032128-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 796
ID ABU84775 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032116-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 797
ID ABR69865 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032122-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 798
ID ABU80242 standard; protein; 713 AA.
DE Human PRO protein #208.
PN US2003036139-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 799
ID ABU93511 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003017541-A1.
PD 23-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 800
ID ABO10064 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003017543-A1.
PD 23-JAN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 801
ID ABO09149 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036152-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 802
ID ABU10717 standard; protein; 713 AA.
DE Human secreted/transmembrane protein #208.
PN US2002127584-A1.
PD 12-SEP-2002.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 803
ID ABU95726 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003032115-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 804
ID ABU96935 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003032140-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 805
ID ABR70780 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040076-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 806
ID ABO05131 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003008352-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 807
ID ABO08539 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044922-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;

Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 827
ID ABR95117 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044930-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 828
ID ABR95422 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040071-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 829
ID ABO21660 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054471-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 830
ID ABR97924 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064452-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 831
ID ABR87712 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068705-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 832
ID ABR77753 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003050473-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 833
ID ABR27983 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064440-A1.
PD 03-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 834
ID ABO6264 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068704-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 835
ID ABO03770 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068722-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 836
ID ABR35221 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073183-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 837
ID ABR26458 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104549-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 838
ID ABO48240 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049749-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 839
ID ABR92982 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064462-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 840
ID ABO24743 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003065159-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 841
ID ABR11754 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064447-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 842
ID ABO2855 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073184-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 843
ID ABR16151 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064463-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 844
ID ABO27712 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064451-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 845
ID ABR29203 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.

PN US2003068721-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 846
ID ABM07179 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068699-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 847
ID ABM21273 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068707-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 848
ID ABM09619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073175-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 849
ID ABO41489 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068695-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 850
ID ABO36304 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068703-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 851
ID ABO43833 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068732-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 852
ID ABM76533 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082717-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 853
ID ABM76229 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104548-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 854
ID ABM25848 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104542-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 855
ID ABM26153 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104543-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 856
ID ABO3506 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036127-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 857
ID ABO2591 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040061-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 858
ID ABR90762 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036130-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 859
ID ABR73830 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054468-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 860
ID ABO17082 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054470-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 861
ID ABR94507 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044917-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 862
ID ABR76014 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044929-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 863
ID ABR71390 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059880-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 864
ID ABR93287 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064465-A1.
PD 03-APR-2003.

PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 865
ID ABO39659 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068776-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 866
ID ABR98017 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068718-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 867
ID ABO28017 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064454-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 868
ID ABO30152 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064461-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 869
ID ABO33361 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068724-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 870
ID ABO5049 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068727-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 871
ID ABO9009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068772-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 872
ID ABO36609 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068714-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 873
ID ABO35694 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068758-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 874
ID ABO39659 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068776-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 875
ID ABR10534 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003069407-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 876
ID ABR12059 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104555-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 877
ID ABO52205 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049768-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 878
ID ABO52510 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049771-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 879
ID ABO23828 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032134-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 880
ID ABR97314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054481-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 881
ID ABR87102 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049778-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 882
ID ABR11144 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049782-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;

RESULT 883
ID ABM3288 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054476-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 884
ID ABO32287 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068733-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 885
ID ABM15414 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003086692-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 886
ID ABM0569 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068709-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 887
ID ABM04380 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068716-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 888
ID ABM22493 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068740-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 889
ID ABM07789 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068751-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 890
ID ABO40879 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068684-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 891
ID ABM35526 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073179-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 892
ID ABM01330 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049770-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.

ID ABM33289 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003087374-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 893
ID ABO52815 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049773-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 894
ID ABO50375 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049777-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 895
ID ABU9369 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040055-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 896
ID ABO04421 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036184-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 897
ID ABO06051 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040074-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 898
ID ABM18591 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054480-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 899
ID ABR97619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059895-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 900
ID ABR80719 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049740-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 901
ID ABM01330 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049770-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.

Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 902
ID ABR88932 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073169-A1.
PD 17-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 903
ID ABM13584 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064457-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 904
ID ABR20968 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068711-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 905
ID ABO42099 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049745-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 906
ID ABO42709 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049751-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 907
ID ABM10229 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003067478-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 908
ID ABO38744 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068773-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 909
ID ABM32984 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073185-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 910
ID ABM22798 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003087373-A1.
PD 08-MAY-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 911

ID ABM75009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096353-A1.
PD 22-MAY-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 912
ID ADA79960 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003073173-A1.
PD 17-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 913
ID ADA24722 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003050241-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 914
ID ABR96399 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054458-A1.
PD 20-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 915
ID ABO2550 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059886-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 916
ID ABR86492 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049758-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 917
ID ABR86797 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049772-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 918
ID ABM16761 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064448-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 919
ID ABM29813 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064456-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 920
ID ABO29237 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068693-A1.
PD 10-APR-2003.

PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 921
ID ABM24018 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068735-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 922
ID ABM23408 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068753-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 923
ID ABM22188 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068742-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 924
ID ABO37829 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068756-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 925
ID ABM28593 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082715-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 926
ID ABM28898 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003082716-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 927
ID ABM6542 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068737-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 928
ID ABM75924 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104547-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 929
ID ABM34204 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096359-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 930
ID ABM34509 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003100061-A1.
PD 29-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 931
ID ABO19669 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003050240-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 932
ID ABO20440 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032125-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 933
ID ABO21355 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054454-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 934
ID ABO22270 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054477-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 935
ID ADA12383 standard; protein; 713 AA.
DE Human secreted/transmembrane polypeptide PRO724.
PN US2003055216-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 936
ID ABR96704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054460-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 937
ID ABR85882 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049753-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 938
ID ABR99864 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049763-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 939
ID ABM00720 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.


```
PN US2003073172-A1.
PD 17-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 940
ID ABO00415 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073172-A1.
PD 17-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 941
ID ABO28947 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068700-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 942
ID ABO23713 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068736-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 943
ID ABO29508 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068679-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 944
ID ABO38439 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068767-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 945
ID ABO45739 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003073182-A1.
PD 17-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 946
ID ABO20663 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104557-A1.
PD 05-JUN-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 947
ID ADA81687 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003092121-A1.
PD 15-MAY-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 948
ID ABO16777 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003027276-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 949
ID ABO18403 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044920-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 950
ID ABO22830 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003027265-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 951
ID ABO23135 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054461-A1.
PD 20-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 952
ID ABR92677 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064446-A1.
PD 03-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 953
ID ABR81634 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049744-A1.
PD 13-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 954
ID ABR78058 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049783-A1.
PD 13-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 955
ID ABR89847 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073171-A1.
PD 17-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 956
ID ABR26763 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032121-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 957
ID ABR13889 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003084458-A1.
PD 03-APR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 958
ID ABO28627 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064460-A1.
```

PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 959
ID ABO30457 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064464-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 960
ID ABM07484 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068702-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 961
ID ABM04075 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068734-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 962
ID ABO37219 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068719-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 963
ID ABO41794 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068729-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 964
ID ABO35389 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068738-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 965
ID ABM25238 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104540-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 966
ID ABO47630 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049742-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 967
ID ABO47935 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049747-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 968
ID ABO48545 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049750-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 969
ID ABO51595 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049756-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 970
ID ABO51900 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049767-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 971
ID ABO50680 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049779-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 972
ID ABR79804 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040059-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 973
ID ABM17066 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040078-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 974
ID ABO18098 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044918-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 975
ID ABO21050 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032132-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 976
ID ABR97009 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054462-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 977
ID ABM12364 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064445-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 978
ID ABM16456 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064449-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 979
ID ABM24323 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064441-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 980
ID ABM14804 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068696-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 981
ID ABM04685 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068712-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 982
ID ABM06874 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068730-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 983
ID ABM09314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073174-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 984
ID ABO39354 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068775-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 985
ID ABM75619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104545-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 986
ID ABM25543 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104541-A1.
PD 05-JUN-2003.

Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 987
ID ABM20053 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104554-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 988
ID ABO4959 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049762-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 989
ID ABO4764 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049765-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 990
ID ADA83485 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049752-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 991
ID ABR71695 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032133-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 992
ID ABR72305 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003032136-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 993
ID ABR98644 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036129-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 994
ID ABO7014 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040053-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 995
ID ABR84967 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040057-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 996
ID ABR73525 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054467-A1.

PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 997
ID ABR76619 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044932-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 998
ID ABR73220 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027270-A1.
PD 06-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 999
ID ABM18286 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054469-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1000
ID ABO20745 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032126-A1.
PD 13-FEB-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1001
ID ABO25488 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054463-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1002
ID ABO25793 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003054466-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1003
ID ABR94202 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059879-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1004
ID ABR80109 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049738-A1.
PD 13-MAR-2003.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1005
ID ABM11449 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064469-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1006
ID ABO33056 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003064453-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1007
ID ABO30762 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064466-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1008
ID ABO31067 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064468-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1009
ID ABM27373 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068760-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1010
ID ABM30118 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068769-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1011
ID ABM05654 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003045700-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1012
ID ABM15719 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068698-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1013
ID ABM08704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068759-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1014
ID ABO42404 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049748-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 6; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1015
ID ABO38134 standard; protein; 713 AA.

DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003068765-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1025
 ID ABR27068 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 PN US2003068739-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1026
 ID ABR03465 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 PN US2003068763-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1027
 ID ABO39964 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003068689-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1028
 ID ABO50070 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003049776-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1029
 ID ABO50985 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003049780-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1030
 ID ABO5441 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003036126-A1.
 PD 20-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1031
 ID ABR74745 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 PN US2003044924-A1.
 PD 06-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1032
 ID ABR77224 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 PN US2003044927-A1.
 PD 06-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1033
 ID ABR17981 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 PN US2003040072-A1.
 PD 27-FEB-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 7; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1034
 ID ABR96032 standard; protein; 713 AA.

DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003068765-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1016
 ID ABO46044 standard; protein; 713 AA.
 DE Human PRO polypeptide #208.
 PN US2003049754-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1017
 ID ABR6847 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 PN US2003068688-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1018
 ID ADB20528 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003082767-A1.
 PD 01-MAY-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1019
 ID ABR19748 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 PN US2003104552-A1.
 PD 05-JUN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1020
 ID ABO49460 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003049774-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1021
 ID ABO49765 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003049775-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1022
 ID ADA78780 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein (PRO) #208.
 PN US2003073181-A1.
 PD 17-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1023
 ID ABO19560 standard; protein; 713 AA.
 DE Novel human secreted and transmembrane polypeptide #28.
 PN US2003049633-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 6; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1024
 ID ABR8322 standard; protein; 713 AA.
 DE Human secreted polypeptide PRO724, SEQ ID NO:416.
 PN US2003068720-A1.
 PD 10-APR-2003.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040073-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
ID ABO21965 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054475-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1035
ID ABO21965 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054475-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1036
ID ABO20135 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003032124-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1037
ID ABO24438 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064467-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1038
ID ABR86187 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049759-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1039
ID ABR76638 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054465-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1040
ID ABR76638 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054465-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1041
ID ABR89542 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073170-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1042
ID ABR12669 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073176-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1043
ID ABR05959 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068717-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1044
ID ABO35084 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068728-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1045
ID ABM03160 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068764-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1046
ID ABM19138 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104550-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1047
ID ABM19443 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104551-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1048
ID ABO46654 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049761-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1049
ID ABO49155 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049757-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1050
ID ABR69198 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003027273-A1.
PD 06-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1051
ID ABR89237 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036119-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1052
ID ABR72610 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036120-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1053
ID ABR74440 standard; protein; 713 AA.

DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036161-A1.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1054
ID ABO18708 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044921-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1055
ID ABR80414 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049739-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1056
ID ABO1635 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059882-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1057
ID ABO2245 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059884-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1058
ID ABR87407 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068687-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1059
ID ABR12974 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073186-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1060
ID ABR30728 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064443-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1061
ID ABR24628 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064444-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1062
ID ABO29542 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068697-A1.

PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1063
ID ABO31372 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068710-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1064
ID ABR14499 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068686-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1065
ID ABO9924 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073178-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1066
ID ABO39049 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068774-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1067
ID ABR34814 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104538-A1.
PD 05-JUN-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1068
ID ABO51290 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049781-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1069
ID ABO4116 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036158-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1070
ID ABO10586 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003036151-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1071
ID ABR77829 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040067-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1072

ID ABR79039 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054456-A1.
PD 20-MAR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1073
ID ABO24133 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054482-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1074
ID ABR93897 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054457-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1075
ID ABM01940 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003059883-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1076
ID ABM78363 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049764-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1077
ID ABR90152 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003073177-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1078
ID ABM27678 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064442-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1079
ID ABM13279 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003064450-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1080
ID ABO311982 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068731-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1081
ID ABM14194 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.

PN US2003068683-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1082
ID ABM08399 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068754-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1083
ID ABO40269 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068681-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1084
ID ABM74704 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096351-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1085
ID ABM33899 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096358-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1086
ID ABM20358 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104556-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1087
ID ABO48850 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049756-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1088
ID ABR72915 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003036122-A1.
PD 20-FEB-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1089
ID ABO15557 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003036121-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1090
ID ABR85272 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003040085-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;

RESULT 1091
ID ABO15252 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003044919-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1092
ID ABO17387 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003040077-A1.
PD 27-FEB-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1093
ID ABO17676 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003044928-A1.
PD 06-MAR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1094
ID ABR85577 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003049746-A1.
PD 13-MAR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1095
ID ABO77143 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003054464-A1.
PD 20-MAR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1096
ID ABO28322 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003064459-A1.
PD 03-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1097
ID ABO23103 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068757-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1098
ID ABO30423 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068723-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1099
ID ABO21883 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068741-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1100
ID ABO21578 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068744-A1.

PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1101
ID ABO15109 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068766-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1102
ID ABO41184 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068694-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1103
ID ABO36914 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068715-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1104
ID ABO37524 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003068726-A1.
PD 10-APR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1105
ID ABO75314 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003104544-A1.
PD 05-JUN-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1106
ID ABO33594 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003096357-A1.
PD 22-MAY-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1107
ID ABO46349 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003049760-A1.
PD 13-MAR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1108
ID ADA2851 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003049755-A1.
PD 13-MAR-2003.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1109
ID ABO31948 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068680-A1.
PD 10-APR-2003.

Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1110
ID ABM31338 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068762-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1111
ID ADB73689 standard; protein; 713 AA.
DE Human PRO polypeptide #28.
PN US2003045462-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1112
ID ADB86159 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003054472-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1113
ID ABM32253 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068708-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1114
ID ABM32558 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003088713-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1115
ID ABM31643 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068761-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1116
ID ABM31033 standard; protein; 713 AA.
DE Human secreted polypeptide PRO724, SEQ ID NO:416.
PN US2003068771-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1117
ID ADB76405 standard; protein; 713 AA.
DE Human PRO polypeptide #28.
PN US2003083248-A1.
PD 01-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1118
ID ADC43831 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003054986-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1119
ID ADC61591 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003049684-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1120
ID ADC63555 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003054405-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1121
ID ADC66655 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003080406-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1122
ID ADC68779 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003064407-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1123
ID ADC62839 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003068648-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1124
ID ADC67904 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003089178-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1125
ID ADC41224 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003072745-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1126
ID ADC67279 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003073131-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1127
ID ADC62215 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003073624-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1128
ID ADC43831 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003054986-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;

RESULT 1128
ID ADC41848 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003104998-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1129
ID ADC74198 standard; protein; 713 AA.
DE Human secreted protein - SEQ ID 831.
PN W02003038063-A2.
PD 08-MAY-2003.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1130
ID ADD05889 standard; protein; 713 AA.
DE Human secreted/transmembrane protein (PRO) #208.
PN US2003087376-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1131
ID ADD10369 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40.
PN US2003105011-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1132
ID ADD11329 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40.
PN US2003105013-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1133
ID ADD37122 standard; protein; 713 AA.
DE Human secreted/transmembrane PRO polypeptide #40.
PN US2003105012-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1134
ID ADD37917 standard; protein; 713 AA.
DE Human secreted protein #100.
PN W0200290526-A2.
PD 14-NOV-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1135
ID ADE49217 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003096744-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1136
ID ABE35271 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203434-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1137

ID ADE16385 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203435-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1138
ID ADD73000 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203436-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1139
ID ADD72358 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003194781-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1140
ID ADE17009 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003203433-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1141
ID ADF47023 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003195333-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1142
ID ADG02884 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207397-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1143
ID ADG01591 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207399-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1144
ID ADF95766 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207398-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1145
ID ADG12581 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2003207392-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 7; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1146
ID ADH09241 standard; protein; 713 AA.
DE Human PRO polypeptide #208.

[illegible]

PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1162
 ID ADF23518 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003203402-A1.
 PD 30-OCT-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1163
 ID ADF33501 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003194780-A1.
 PD 16-OCT-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1164
 ID ADF26968 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003199436-A1.
 PD 23-OCT-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1165
 ID ADF27604 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003199437-A1.
 PD 23-OCT-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1166
 ID ADF41198 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003199435-A1.
 PD 23-OCT-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1167
 ID ADF32877 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003211091-A1.
 PD 13-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1168
 ID ADF25243 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003211092-A1.
 PD 13-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1169
 ID ADF26344 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003199674-A1.
 PD 23-OCT-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1170
 ID ADF34133 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003194410-A1.
 PD 16-OCT-2003.
 PA (GETH) GENENTECH INC.

Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1171
 ID ADF46370 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003195344-A1.
 PD 16-OCT-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1172
 ID ADF96378 standard; protein; 713 AA.
 DE Novel human secreted and transmembrane protein PRO724.
 PN US2003215909-A1.
 PD 20-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1173
 ID ADG04649 standard; protein; 713 AA.
 DE Novel human secreted and transmembrane protein PRO724.
 PN US2003215912-A1.
 PD 20-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1174
 ID ADG00809 standard; protein; 713 AA.
 DE Novel human secreted and transmembrane protein PRO724.
 PN US2003215911-A1.
 PD 20-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1175
 ID ADG83065 standard; protein; 713 AA.
 DE Human PRO polypeptide #208.
 PN US2003215910-A1.
 PD 20-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1176
 ID ADH26346 standard; protein; 713 AA.
 DE Novel human secreted and transmembrane protein PRO724.
 PN US2003068770-A1.
 PD 10-APR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1177
 ID ADG50356 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003207803-A1.
 PD 06-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1178
 ID ADG49732 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003215905-A1.
 PD 20-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1179
 ID ADG51604 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003215908-A1.
 PD 20-NOV-2003.
 PA (GETH) GENENTECH INC.
 Query Match 15.4%; Score 194; DB 8; Length 713;
 Best Local Similarity 34.2%; Pred. No. 4.4e-07;
 RESULT 1180
 ID ADF34133 standard; protein; 713 AA.
 DE Human secreted/transmembrane protein, PRO724.
 PN US2003194410-A1.
 PD 16-OCT-2003.
 PA (GETH) GENENTECH INC.

RESULT 1180
ID ADH33315 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2003068768-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1181
ID ADG49108 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003216305-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1182
ID ADG48484 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2003216560-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1183
ID ADG50980 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004005312-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1184
ID ADH43513 standard; protein; 713 AA.
DE Human PRO polypeptide #40.
PN US2003224984-A1.
PD 04-DEC-2003.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1185
ID ADG58924 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004005657-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1186
ID ADG62380 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004006219-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1187
ID ADH25405 standard; protein; 713 AA.
DE Human neurotrophin homologue related protein sequence SEQ ID NO:183.
PN EP1386931-A1.
PD 04-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1188
ID ADJ55054 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2004023321-A1.
PD 05-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1189
ID ADJ55054 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2004023321-A1.
PD 05-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1190
ID ADJ64825 standard; protein; 713 AA.
DE Human PRO polypeptide #208.
PN US2004038337-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1191
ID ADM31721 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004048334-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1192
ID ADM17182 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004048332-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1193
ID ADM36768 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004053358-A1.
PD 18-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1194
ID ADM40573 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004048335-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1195
ID ADL07016 standard; protein; 713 AA.
DE Human secreted/transmembrane protein, PRO724.
PN US2004063921-A1.
PD 01-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1196
ID ADN38181 standard; protein; 713 AA.
DE Novel human secreted and transmembrane protein PRO724.
PN US2004091959-A1.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 15.4%; Score 194; DB 8; Length 713;
Best Local Similarity 34.2%; Pred. No. 4.4e-07;
RESULT 1197
ID ADI16820 standard; protein; 855 AA.
DE Rat NOVX protein homologue SeqID 356.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 15.4%; Score 193.5; DB 5; Length 855;
Best Local Similarity 39.3%; Pred. No. 5.9e-07;
RESULT 1198
ID ADI16881 standard; protein; 855 AA.

DE Rat NOVX protein homologue SeqID 417.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 15.4%; Score 193.5; DB 5; Length 855;
Best Local Similarity 39.3%; Pred. No. 5.9e-07;
RESULT 1199
ID ADI16878 standard; protein; 855 AA.
DE Rat NOVX protein homologue SeqID 414.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 15.4%; Score 193.5; DB 5; Length 855;
Best Local Similarity 39.3%; Pred. No. 5.9e-07;
RESULT 1200
ID ADP21767 standard; protein; 81 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A2.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 15.3%; Score 193; DB 8; Length 81;
Best Local Similarity 36.0%; Pred. No. 4.7e-08;
RESULT 1201
ID AAU81061 standard; protein; 83 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #30.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 15.3%; Score 192.5; DB 5; Length 83;
Best Local Similarity 36.0%; Pred. No. 5.3e-08;
RESULT 1202
ID ADN23077 standard; protein; 574 AA.
DE Bacterial polypeptide #5730.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
Query Match 15.2%; Score 191.5; DB 8; Length 574;
Best Local Similarity 32.3%; Pred. No. 5.5e-07;
RESULT 1203
ID AAM23981 standard; protein; 190 AA.
DE Rat EST encoded protein SEQ ID NO: 1506.
PN WO200154477-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 15.2%; Score 191; DB 4; Length 190;
Best Local Similarity 33.1%; Pred. No. 1.8e-07;
RESULT 1204
ID AAB62392 standard; protein; 161 AA.
DE Human LDL receptor family protein (LDLP).
PN WO200127274-A1.
PD 19-APR-2001.
PA (LEXI-) LEXICON GENETICS INC.
Query Match 15.1%; Score 190; DB 4; Length 161;
Best Local Similarity 33.3%; Pred. No. 1.8e-07;
RESULT 1205
ID AAB62391 standard; protein; 345 AA.
DE Human LDL receptor family protein (LDLP).
PN WO200127274-A1.
PD 19-APR-2001.
PA (LEXI-) LEXICON GENETICS INC.
Query Match 15.1%; Score 190; DB 4; Length 345;
Best Local Similarity 33.3%; Pred. No. 4.1e-07;
RESULT 1206
ID AAB88456 standard; protein; 345 AA.
DE Human membrane or secretory protein clone PSEC0246.
PN EP1067182-A2.
PD 10-JAN-2001.
PA (HELI-) HELIX RES INST.
Query Match 15.1%; Score 190; DB 4; Length 345;
Best Local Similarity 36.7%; Pred. No. 1.5e-06;
Best Local Similarity 33.3%; Pred. No. 4.1e-07;
ID AAB61884 standard; protein; 345 AA.
DE Prostate cancer-associated protein #85.
PN WO200230268-A2.
PD 18-APR-2002.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 15.1%; Score 190; DB 5; Length 345;
Best Local Similarity 33.3%; Pred. No. 4.1e-07;
RESULT 1208
ID ADN39406 standard; protein; 345 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A6.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 15.1%; Score 190; DB 7; Length 345;
Best Local Similarity 33.3%; Pred. No. 4.1e-07;
RESULT 1209
ID ADN39496 standard; protein; 345 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A96.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 15.1%; Score 190; DB 7; Length 345;
Best Local Similarity 33.3%; Pred. No. 4.1e-07;
RESULT 1210
ID ADN39551 standard; protein; 345 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A151.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 15.1%; Score 190; DB 7; Length 345;
Best Local Similarity 33.3%; Pred. No. 4.1e-07;
RESULT 1211
ID ADN39438 standard; protein; 345 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:A38.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 15.1%; Score 190; DB 7; Length 345;
Best Local Similarity 33.3%; Pred. No. 4.1e-07;
RESULT 1212
ID AAU81044 standard; protein; 119 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #13.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 15.0%; Score 189; DB 5; Length 119;
Best Local Similarity 33.1%; Pred. No. 1.5e-07;
RESULT 1213
ID AAE23083 standard; protein; 855 AA.
DE Epithin protein.
PN WO200203787-A2.
PD 17-JAN-2002.
PA (DELT-) DELTAGEN INC.
Query Match 15.0%; Score 188.5; DB 5; Length 855;
Best Local Similarity 36.7%; Pred. No. 1.5e-06;
RESULT 1214
ID ADI16819 standard; protein; 855 AA.
DE Murine NOVX protein homologue SeqID 355.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 15.0%; Score 188.5; DB 5; Length 855;
Best Local Similarity 36.7%; Pred. No. 1.5e-06;
RESULT 1215
ID ADI16877 standard; protein; 855 AA.
DE Murine NOVX protein homologue SeqID 413.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 15.0%; Score 188.5; DB 5; Length 855;
Best Local Similarity 36.7%; Pred. No. 1.5e-06;

RESULT 1216
ID RAB98507 standard; protein; 902 AA.
DE Murine epithin.
FN WO200129056-A1.
PD 26-APR-2001.
PA (UYAR-) UNIV ARKANSAS.
Query Match 15.0%; Score 188.5; DB 4; Length 902;
Best Local Similarity 36.7%; Pred. No. 1.6e-06;
RESULT 1217
ID AAU80517 standard; protein; 902 AA.
DE Mouse epithilin-like serine protease.
FN WO200196378-A2.
PD 20-DEC-2001.
PA (FARB) BAYER AG.
Query Match 15.0%; Score 188.5; DB 5; Length 902;
Best Local Similarity 36.7%; Pred. No. 1.6e-06;
RESULT 1218
ID AAU77549 standard; protein; 902 AA.
DE Murine type II membrane serine protease, epithin.
FN WO200212461-A2.
PD 14-FEB-2002.
PA (FARB) BAYER AG.
Query Match 15.0%; Score 188.5; DB 5; Length 902;
Best Local Similarity 36.7%; Pred. No. 1.6e-06;
RESULT 1219
ID ADE47700 standard; protein; 1006 AA.
DE Human NOV20a protein SEQ ID NO:82.
FN WO2003076642-A2.
PD 18-SEP-2003.
PA (CURA-) CURAGEN CORP.
Query Match 14.9%; Score 188; DB 7; Length 1006;
Best Local Similarity 31.5%; Pred. No. 2e-06;
RESULT 1220
ID ADJ78970 standard; protein; 1006 AA.
DE Human NOVX protein Nov20A amino acid sequence.
FN US2004014053-A1.
PD 22-JAN-2004.
PA (ZERH/) ZERHUSEN B D.
PA (PATT/) PATTURAJAN M.
PA (KEKU/) KEKUDA R.
PA (MILL/) MILLER C E.
PA (RIEG/) RIEGER D K.
PA (PENA/) PENNA C E A.
PA (SHIM/) SHIMKETS R A.
PA (LILL/) LI L.
PA (BERG/) BERGHS C.
PA (ZHON/) ZHONG M.
PA (CASM/) CASMAN S J.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (PADI/) PADIGARU M.
PA (SMIT/) SMITHSON G.
PA (JIWW/) JI W.
PA (GORM/) GORMAN L.
PA (VERN/) VERNET C A M.
PA (LEIT/) LEITE M W.
PA (GUOK/) GUO X S.
PA (ANDE/) ANDERSON D W.
PA (SPYT/) SPYTEK K A.
PA (GERL/) GERLACH V.
PA (BURG/) BURGESS C E.
PA (KHRA/) KHRAMTSOV N V.
PA (ORTT/) ORT T.
PA (ELLE/) ELLERMAN K.
PA (RAST/) RASTELLI L.
PA (AGEE/) AGEE M L.
PA (CHAU/) CHAUDHURI A.
PA (CHAN/) CHANT J S.
PA (DIP1/) DIPIPPO V A.
PA (EDIN/) EDINGER S R.
PA (EISE/) EISEN A J.
PA (GANG/) GANGOLLI E A.
PA (GIOT/) GIOT L.

PA (OOIC/) OOI C E.
PA (ROTH/) ROTHENBERG M E.
PA (SPAD/) SPADERNA S K.
PA (HJAL/) HJALT T.
PA (LIUX/) LIU X.
PA (TAUF/) TAUPIER R J.
PA (CATT/) CATTERTON E.
PA (SHEN/) SHENOY S G.
Query Match 14.9%; Score 188; DB 8; Length 1006;
Best Local Similarity 31.5%; Pred. No. 2e-06;
RESULT 1221
ID ADQ67668 standard; protein; 572 AA.
DE Novel human protein sequence #2334.
FN EP1440981-A2.
PD 28-JUL-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 14.9%; Score 187.5; DB 8; Length 572;
Best Local Similarity 38.1%; Pred. No. 1.1e-06;
RESULT 1222
ID AAE38322 standard; protein; 648 AA.
DE Human membrane-like serine protease (MLSP) protein #4.
FN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG.
Query Match 14.9%; Score 187.5; DB 7; Length 648;
Best Local Similarity 38.1%; Pred. No. 1.3e-06;
RESULT 1223
ID AAE38320 standard; protein; 693 AA.
DE Human membrane-like serine protease (MLSP) protein #2.
FN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG.
Query Match 14.9%; Score 187.5; DB 7; Length 693;
Best Local Similarity 38.1%; Pred. No. 1.4e-06;
RESULT 1224
ID AAE38321 standard; protein; 706 AA.
DE Human membrane-like serine protease (MLSP) protein #3.
FN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG.
Query Match 14.9%; Score 187.5; DB 7; Length 706;
Best Local Similarity 38.1%; Pred. No. 1.5e-06;
RESULT 1225
ID AAU77552 standard; protein; 843 AA.
DE Hman membrane-type serine protease.
FN WO200212461-A2.
PD 14-FEB-2002.
PA (FARB) BAYER AG.
Query Match 14.9%; Score 187.5; DB 5; Length 843;
Best Local Similarity 38.1%; Pred. No. 1.8e-06;
RESULT 1226
ID AAE38319 standard; protein; 843 AA.
DE Human membrane-like serine protease (MLSP) protein #1.
FN WO2003064651-A2.
PD 07-AUG-2003.
PA (FARB) BAYER AG.
Query Match 14.9%; Score 187.5; DB 7; Length 843;
Best Local Similarity 38.1%; Pred. No. 1.8e-06;
RESULT 1227
ID AAU82750 standard; protein; 850 AA.
DE Amino acid sequence of novel human protease #49.
FN WO200200860-A2.
PD 03-JAN-2002.
PA (SUGE-) SUGEN INC.
Query Match 14.9%; Score 187.5; DB 5; Length 850;
Best Local Similarity 38.1%; Pred. No. 1.8e-06;
RESULT 1228
ID ADT49842 standard; protein; 355 AA.
DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:49.
FN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 14.8%; Score 187; DB 8; Length 355;

Best Local Similarity 26.9%; Pred. No. 7.4e-07;
RESULT 1229
ID AEG04531 standard; protein; 409 AA.
DE Novel human diagnostic protein #4522.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 14.8%; Score 186.5; DB 4; Length 409;
Best Local Similarity 33.9%; Pred. No. 9.5e-07;
RESULT 1230
ID ADC6801 standard; protein; 1564 AA.
DE Human GPCR protein SEQ ID NO:1254.
PN EPI270724-A2.
PD 02-JAN-2003.
PA (NAAD-) NAT INST ADVANCED IND SCI & TECHNOLOGY.
PA (ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO.
Query Match 14.7%; Score 185; DB 7; Length 1564;
Best Local Similarity 25.1%; Pred. No. 5.6e-06;
RESULT 1231
ID ADT49875 standard; protein; 199 AA.
DE Human LRP2(4700) partial sequence/betacellulin antibody SEQ ID NO:82.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE-) TAKEDA CHEM IND LTD.
Query Match 14.8%; Score 184.5; DB 8; Length 199;
Best Local Similarity 32.8%; Pred. No. 6.2e-07;
RESULT 1232
ID ADE54357 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 160.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO-) GEN HOSPITAL CORP.
PA (FARB-) BAYER AG.
Query Match 14.6%; Score 184.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 2.8e-06;
RESULT 1233
ID ADD46515 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 12196.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO-) GEN HOSPITAL CORP.
PA (FARB-) BAYER AG.
Query Match 14.6%; Score 184.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 2.8e-06;
RESULT 1234
ID ADD46511 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 12192.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO-) GEN HOSPITAL CORP.
PA (FARB-) BAYER AG.
Query Match 14.6%; Score 184.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 2.8e-06;
RESULT 1235
ID ADE54353 standard; protein; 770 AA.
DE Rat Protein BAA32331, SEQ ID NO 156.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO-) GEN HOSPITAL CORP.
PA (FARB-) BAYER AG.
Query Match 14.6%; Score 184.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 2.8e-06;
RESULT 1236
ID ADI27176 standard; protein; 770 AA.
DE Rat LRP binding family protein #5.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 14.6%; Score 184.5; DB 8; Length 770;
Best Local Similarity 31.7%; Pred. No. 2.8e-06;
RESULT 1237
ID ABB62641 standard; protein; 787 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 14715.

PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE-) PE CORP NY.
Query Match 14.6%; Score 184; DB 4; Length 787;
Best Local Similarity 25.5%; Pred. No. 3.1e-06;
RESULT 1238
ID AAM93311 standard; protein; 688 AA.
DE Human polypeptide, SEQ ID NO: 2821.
PN EPI130094-A2.
PD 05-SEP-2001.
PA (HELI-) HELIX RES INST.
Query Match 14.6%; Score 183.5; DB 4; Length 688;
Best Local Similarity 31.7%; Pred. No. 3e-06;
RESULT 1239
ID ADL30788 standard; protein; 688 AA.
DE Human protein encoded by a full length cDNA clone SeqID 2821.
PN EPI396543-A2.
PD 10-MAR-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 14.6%; Score 183.5; DB 8; Length 688;
Best Local Similarity 31.7%; Pred. No. 3e-06;
RESULT 1240
ID ADE54355 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 158.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO-) GEN HOSPITAL CORP.
PA (FARB-) BAYER AG.
Query Match 14.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 3.4e-06;
RESULT 1241
ID ADD46513 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 12194.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO-) GEN HOSPITAL CORP.
PA (FARB-) BAYER AG.
Query Match 14.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 3.4e-06;
RESULT 1242
ID ADE54359 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 162.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO-) GEN HOSPITAL CORP.
PA (FARB-) BAYER AG.
Query Match 14.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 3.4e-06;
RESULT 1243
ID ADD46517 standard; protein; 770 AA.
DE Human Protein BAA32330, SEQ ID NO 12198.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO-) GEN HOSPITAL CORP.
PA (FARB-) BAYER AG.
Query Match 14.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 3.4e-06;
RESULT 1244
ID ADJ69418 standard; protein; 770 AA.
DE Human heat mitochondrial protein as a therapeutic target SeqID1224.
PN WO2003087768-A2.
PD 23-OCT-2003.
PA (MITO-) MITOKOR.
PA (BUCK-) BUCK INST AGE RES.
Query Match 14.6%; Score 183.5; DB 7; Length 770;
Best Local Similarity 31.7%; Pred. No. 3.4e-06;
RESULT 1245
ID ADI27175 standard; protein; 770 AA.
DE Human LRP binding family protein #9.
PN WO2003106657-A2.
PD 24-DEC-2003.
PA (STOW-) STOWERS INST MEDICAL RES.
Query Match 14.6%; Score 183.5; DB 8; Length 770;

Best Local Similarity 31.7%; Pred. No. 3.4e-06;
 RESULT 1246
 ID ADQ39601 standard; protein; 770 AA.
 DE Human myocardial infarction-associated gene derived protein, SEQ ID 1264.
 PN WO2004058052-A2.
 PD 15-JUL-2004.
 PA (APPL-) APPLERA CORP.
 Query Match 14.6%; Score 183.5; DB 8; Length 770;
 Best Local Similarity 31.7%; Pred. No. 3.4e-06;
 RESULT 1247
 ID ADD93395 standard; protein; 785 AA.
 DE Human lipid-associated molecule LIPAM-2 polypeptide.
 PN WO2003083081-A2.
 PD 09-OCT-2003.
 PA (INCY-) INCYTE CORP.
 Query Match 14.6%; Score 183.5; DB 7; Length 785;
 Best Local Similarity 31.7%; Pred. No. 3.4e-06;
 RESULT 1248
 ID ABG04441 standard; protein; 814 AA.
 DE Novel human diagnostic protein #4432.
 PN WO200175067-A2.
 PD 11-OCT-2001.
 PA (HYSE-) HYSEQ INC.
 Query Match 14.6%; Score 183.5; DB 4; Length 814;
 Best Local Similarity 31.7%; Pred. No. 3.6e-06;
 RESULT 1249
 ID AAY71080 standard; protein; 575 AA.
 DE Murine TANGO 136 partial protein.
 PN WO200026227-A1.
 PD 11-MAY-2000.
 PA (MILL-) MILLENNIUM PHARM INC.
 Query Match 14.5%; Score 183; DB 3; Length 575;
 Best Local Similarity 35.5%; Pred. No. 2.7e-06;
 RESULT 1250
 ID ADI27187 standard; protein; 713 AA.
 DE Mouse LRP binding family protein #22.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 14.5%; Score 183; DB 8; Length 713;
 Best Local Similarity 35.5%; Pred. No. 3.4e-06;
 RESULT 1251
 ID ADI27186 standard; protein; 713 AA.
 DE Mouse LRP binding family protein #21.
 PN WO2003106657-A2.
 PD 24-DEC-2003.
 PA (STOW-) STOWERS INST MEDICAL RES.
 Query Match 14.5%; Score 183; DB 8; Length 713;
 Best Local Similarity 35.5%; Pred. No. 3.4e-06;
 RESULT 1252
 ID ABB62991 standard; protein; 1468 AA.
 DE Drosophila melanogaster polypeptide SEQ ID NO 15765.
 PN WO200171042-A2.
 PD 27-SEP-2001.
 PA (PEKE) PE CORP NV.
 Query Match 14.5%; Score 183; DB 4; Length 1468;
 Best Local Similarity 27.0%; Pred. No. 7.6e-06;
 RESULT 1253
 ID ADN11581 standard; protein; 851 AA.
 DE Human CD91 protein fragment SEQ ID NO: 2.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 14.4%; Score 182; DB 8; Length 851;
 Best Local Similarity 35.9%; Pred. No. 5e-06;
 RESULT 1254
 ID ADN11582 standard; protein; 896 AA.
 DE Human CD91 protein fragment SEQ ID NO: 3.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 14.4%; Score 182; DB 8; Length 896;
 Best Local Similarity 35.9%; Pred. No. 5.3e-06;
 RESULT 1255
 ID ADN11592 standard; protein; 896 AA.
 DE Human CD91 protein fragment SEQ ID NO: 13.
 PN WO2004033657-A2.
 PD 22-APR-2004.
 PA (ANTI-) ANTIGENICS INC.
 PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
 Query Match 14.4%; Score 182; DB 8; Length 896;
 Best Local Similarity 35.9%; Pred. No. 5.3e-06;
 RESULT 1256
 ID AAM47959 standard; protein; 1115 AA.
 DE Lymnaea stagnalis GPCR GRL101 precursor protein SEQ ID NO 3.
 PN WO200188127-A2.
 PD 22-NOV-2001.
 PA (FARB) BAYER AG.
 Query Match 14.4%; Score 182; DB 5; Length 1115;
 Best Local Similarity 33.9%; Pred. No. 6.7e-06;
 RESULT 1257
 ID ABR39967 standard; protein; 1115 AA.
 DE Human USLGR polypeptide.
 PN WO2003016487-A2.
 PD 27-FEB-2003.
 PA (STRD) UNIV LELAND STANFORD JUNIOR.
 Query Match 14.4%; Score 182; DB 6; Length 1115;
 Best Local Similarity 33.9%; Pred. No. 6.7e-06;
 RESULT 1258
 ID ABO06461 standard; protein; 1115 AA.
 DE Great pond snail G-protein coupled receptor GRL101.
 PN US2003027323-A1.
 PD 06-FEB-2003.
 PA (FEDE/) FEDER J N.
 PA (MINT/) MINTIER G.
 PA (RAMA/) RAMANATHAN C S.
 PA (HAWK/) HAWKEN D R.
 Query Match 14.4%; Score 182; DB 6; Length 1115;
 Best Local Similarity 33.9%; Pred. No. 6.7e-06;
 RESULT 1259
 ID ABB11383 standard; peptide; 134 AA.
 DE Human alpha-2-macroglobulin receptor homologue, SEQ ID NO:1753.
 PN WO200157188-A2.
 PD 09-AUG-2001.
 PA (HYSE-) HYSEQ INC.
 Query Match 14.4%; Score 181.5; DB 4; Length 134;
 Best Local Similarity 28.0%; Pred. No. 7e-07;
 RESULT 1260
 ID ADI60370 standard; protein; 134 AA.
 DE Secreted polypeptide encoded by gene splice variant #6.
 PN WO2003025142-A2.
 PD 27-MAR-2003.
 PA (HYSE-) HYSEQ INC.
 Query Match 14.4%; Score 181.5; DB 7; Length 134;
 Best Local Similarity 28.0%; Pred. No. 7e-07;
 RESULT 1261
 ID ADN23357 standard; protein; 2643 AA.
 DE Bacterial polypeptide #5010.
 PN US2003233675-A1.
 PD 18-DEC-2003.
 PA (CAOY/) CAO Y.
 PA (HINK/) HINKLE G J.
 PA (SLAT/) SLATER S C.
 PA (CHEN/) CHEN X.
 PA (GOLD/) GOLDMAN B S.
 Query Match 14.4%; Score 181.5; DB 8; Length 2643;
 Best Local Similarity 35.8%; Pred. No. 1.9e-05;
 RESULT 1262
 ID ADT49840 standard; protein; 261 AA.
 DE Murine LRPI partial sequence/betacellulin antibody SEQ ID NO:47.
 PN WO2004083241-A2.
 PD 30-SEP-2004.
 PA (TAKE) TAKEDA CHEM IND LTD.
 Query Match 14.4%; Score 181; DB 8; Length 261;

Best Local Similarity 30.6%; Pred. No. 1.6e-06;
RESULT 1263
ID ADT4941 standard; protein; 388 AA.
DE Murine LRP1 partial sequence/betacellulin antibody SEQ ID NO:48.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 14.4%; Score 181; DB 8; Length 388;
Best Local Similarity 30.6%; Pred. No. 2.5e-06;
RESULT 1264
ID ADR08628 standard; protein; 644 AA.
DE Human protein useful for treating neurological disease Seq 2134.
PN EP1447413-A2.
PD 18-AUG-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 14.4%; Score 181; DB 8; Length 644;
Best Local Similarity 35.7%; Pred. No. 4.4e-06;
RESULT 1265
ID AM78716 standard; protein; 790 AA.
DE Human protein SEQ ID NO 1378.
PN WO200157190-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 14.4%; Score 181; DB 4; Length 790;
Best Local Similarity 35.9%; Pred. No. 5.5e-06;
RESULT 1266
ID ABB61031 standard; protein; 1612 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 9885.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 14.4%; Score 181; DB 4; Length 1612;
Best Local Similarity 27.0%; Pred. No. 1.2e-05;
RESULT 1267
ID ABU56740 standard; protein; 310 AA.
DE Lung cancer-associated polypeptide #333.
PN WO200286443-A2.
PD 31-OCT-2002.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 14.3%; Score 180.5; DB 6; Length 310;
Best Local Similarity 32.8%; Pred. No. 2.1e-06;
RESULT 1268
ID ADN39260 standard; protein; 310 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:578.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 14.3%; Score 180.5; DB 7; Length 310;
Best Local Similarity 32.8%; Pred. No. 2.1e-06;
RESULT 1269
ID ADP21771 standard; protein; 84 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A7.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
Query Match 14.2%; Score 179; DB 8; Length 84;
Best Local Similarity 34.2%; Pred. No. 6.6e-07;
RESULT 1270
ID ADT4939 standard; protein; 444 AA.
DE Murine LRP1 partial sequence/betacellulin antibody SEQ ID NO:46.
PN WO2004083241-A2.
PD 30-SEP-2004.
PA (TAKE) TAKEDA CHEM IND LTD.
Query Match 14.0%; Score 177; DB 8; Length 444;
Best Local Similarity 31.1%; Pred. No. 6.1e-06;
RESULT 1271
ID AAG00384 standard; protein; 136 AA.
DE Human secreted protein, SEQ ID NO: 4465.
PN EP1033401-A2.
PD 06-SEP-2000.
PA (GEST) GENSET.
Query Match 14.0%; Score 176.5; DB 3; Length 136;
Best Local Similarity 30.6%; Pred. No. 1.8e-06;
RESULT 1272
ID AAU81049 standard; protein; 80 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #18.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 13.9%; Score 175.5; DB 5; Length 80;
Best Local Similarity 32.8%; Pred. No. 1.2e-06;
RESULT 1273
ID ADN96092 standard; protein; 463 AA.
DE Human NOVX polypeptide #73.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUFIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENNA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 13.9%; Score 175.5; DB 8; Length 463;
Best Local Similarity 33.1%; Pred. No. 8.5e-06;
RESULT 1274
ID ABP56624 standard; protein; 700 AA.
DE Human MTSP10 protein SEQ ID NO:23.
PN WO200292841-A2..
PD 21-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.9%; Score 175.5; DB 6; Length 700;
Best Local Similarity 37.3%; Pred. No. 1.3e-05;
RESULT 1275
ID ADI10414 standard; protein; 700 AA.
DE Human cell surface protease #23.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.9%; Score 175.5; DB 7; Length 700;
Best Local Similarity 37.3%; Pred. No. 1.3e-05;
RESULT 1276
ID ADJ46938 standard; protein; 700 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #12.
PN US2004001801-A1.
PD 01-JAN-2004.

PA (CORV-) CORVAS INT INC.
Query Match 13.9%; Score 175.5; DB 8; Length 700;
Best Local Similarity 37.3%; Pred. No. 1.3e-05;
RESULT 1277
ID AAU74757 standard; protein; 850 AA.
DE Human protease PR7S-17 protein sequence.
PN WO200198468-A2.
PD 27-DEC-2001.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 13.9%; Score 175.5; DB 5; Length 850;
Best Local Similarity 37.3%; Pred. No. 1.7e-05;
RESULT 1278
ID ADN11583 standard; protein; 844 AA.
DE Murine CD91 protein fragment SEQ ID NO: 4.
PN WO2004033657-A2.
PD 22-APR-2004.
PA (ANTI-) ANTIGENICS INC.
Query Match 13.8%; Score 174; DB 8; Length 844;
Best Local Similarity 25.8%; Pred. No. 2.2e-05;
RESULT 1279
ID AAB3748 standard; protein; 620 AA.
DE Human cancer associated protein sequence SEQ ID NO:1193.
PN WO200053350-A1.
PD 21-SEP-2000.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 13.8%; Score 173.5; DB 3; Length 620;
Best Local Similarity 37.4%; Pred. No. 1.7e-05;
RESULT 1280
ID AAB19551 standard; protein; 683 AA.
DE Human matriptase (truncated form).
PN WO200053232-A1.
PD 14-SEP-2000.
PA (GEOU) UNIV GEORGETOWN.
Query Match 13.8%; Score 173.5; DB 3; Length 683;
Best Local Similarity 37.4%; Pred. No. 1.9e-05;
RESULT 1281
ID ADI16508 standard; protein; 757 AA.
DE Human NOVX protein to treat human pathological conditions SeqID44.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 757;
Best Local Similarity 37.4%; Pred. No. 2.1e-05;
RESULT 1282
ID ADN42162 standard; protein; 757 AA.
DE Human novel proteinNOV 8.
PN US2004033493-A1.
PD 19-FEB-2004.
PA (TCHE/) TCHERNEV V T.
PA (SPYT/) SPYTEK K A.
PA (ZERH/) ZERHUSEN B D.
PA (PATT/) PATTURAJAN M.
PA (SHIM/) SHIMKETS R A.
PA (LILL/) LI L.
PA (GANG/) GANGOLLI E A.
PA (PADL/) PADIGARU M.
PA (ANDE/) ANDERSON D W.
PA (RAST/) RASTELLI L.
PA (MILL/) MILLER C E.
PA (GERL/) GERLACH V.
PA (TAUP/) TAUPIER R J.
PA (GUSE/) GUSEV V Y.
PA (COLM/) COLMAN S D.
PA (WOLE/) WOLENC A R.
PA (PENA/) PENNA C E A.
PA (FURT/) FURTA K.
PA (GROS/) GROSSE W M.
PA (ALSO/) ALSOBROOK J P.
PA (LEPL/) LEPLEY D M.
PA (RIEG/) RIEGER D K.
PA (BURG/) BURGESS C E.
Query Match 13.8%; Score 173.5; DB 8; Length 757;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1283
ID AAY90284 standard; protein; 762 AA.
DE Human peptidase, HPEP-1 protein sequence.
PN WO200042201-A2.
PD 20-JUL-2000.
PA (INCY-) INCYTE PHARM INC.
Query Match 13.8%; Score 173.5; DB 3; Length 762;
Best Local Similarity 37.4%; Pred. No. 2.1e-05;
RESULT 1284
ID ADO55145 standard; protein; 853 AA.
DE Protein #47 with increased gene expression in renal cell carcinoma.
PN WO2004032842-A2.
PD 22-APR-2004.
PA (VAND-) VAN ANDEL INST.
Query Match 13.8%; Score 173.5; DB 8; Length 853;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1285
ID AAY06671 standard; protein; 855 AA.
DE Tumour antigen derived gene-15 (TADG-15) protein.
PN WO9942120-A1.
PD 26-AUG-1999.
PA (UYAR-) UNIV ARKANSAS.
Query Match 13.8%; Score 173.5; DB 2; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1286
ID AAB19552 standard; protein; 855 AA.
DE Human matriptase.
PN WO200053232-A1.
PD 14-SEP-2000.
PA (GEOU) UNIV GEORGETOWN.
Query Match 13.8%; Score 173.5; DB 3; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1287
ID AAB35465 standard; protein; 855 AA.
DE Human membrane-type serine protease MT-SPL.
PN WO200123524-A2.
PD 05-APR-2001.
PA (REGC) UNIV CALIFORNIA.
Query Match 13.8%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1288
ID AAB98500 standard; protein; 855 AA.
DE Human TADG-15.
PN WO200123056-A1.
PD 26-APR-2001.
PA (UYAR-) UNIV ARKANSAS.
Query Match 13.8%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1289
ID AAB06930 standard; protein; 855 AA.
DE Human membrane-type serine protease (MTSP) 1.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 4; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1290
ID AAO22929 standard; protein; 855 AA.
DE Type II transmembrane serine protease 1 protein SEQ ID No 2.
PN WO200272786-A2.
PD 19-SEP-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1291
ID ADI16816 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 352.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;

RESULT 1292
ID ADI16884 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 420.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1293
ID ADI16818 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 354.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1294
ID ADI16882 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 418.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1295
ID ADI16817 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 353.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1296
ID ADI16883 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 419.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1297
ID ADI16876 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 412.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1298
ID ADI16875 standard; protein; 855 AA.
DE Human NOVX protein homologue SeqID 411.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 13.8%; Score 173.5; DB 5; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1299
ID ADI168619 standard; protein; 855 AA.
DE Human membrane-type serine protease MTSP1 protein SEQ ID NO:2.
PN WO200292841-A2.
PD 21-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1300
ID AAO30146 standard; protein; 855 AA.
DE Human membrane-type serine protease MTSP1 protein.
PN WO2003044179-A2.
PD 30-MAY-2003.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1301
ID ADN04754 standard; protein; 855 AA.
DE Human membrane-type serine protease 1 (MTSP1).
PN WO200277267-A2.
PD 03-OCT-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1302
ID AAE29791 standard; protein; 855 AA.
DE Human membrane-type serine protease, MTSP1.
PN WO200277263-A2.
PD 03-OCT-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1303
ID ABP72376 standard; protein; 855 AA.
DE Transmembrane serine protease 1 (MTSP1).
PN WO2003004681-A2.
PD 16-JAN-2003.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 6; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1304
ID ADB97551 standard; protein; 855 AA.
DE Human MTSP1, SEQ ID NO:2.
PN WO2003031585-A2.
PD 17-APR-2003.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1305
ID ADI10371 standard; protein; 855 AA.
DE Human cell surface protease #1.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1306
ID ADN39867 standard; protein; 855 AA.
DE Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO: C237.
PN WO2003042661-A2.
PD 22-MAY-2003.
PA (EOSB-) EOS BIOTECHNOLOGY INC.
Query Match 13.8%; Score 173.5; DB 7; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1307
ID ADG65326 standard; protein; 855 AA.
DE Human MTSP1.
PN WO2003104394-A2.
PD 18-DEC-2003.
PA (DEND-) DENDREON SAN DIEGO LLC.
Query Match 13.8%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1308
ID ADI28861 standard; protein; 855 AA.
DE Human matrixinase (MTSP1) serine protease.
PN WO2004005471-A2.
PD 15-JAN-2004.
PA (DEND-) DENDREON SAN DIEGO LLC.
Query Match 13.8%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1309
ID ADJ46895 standard; protein; 855 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #1.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 13.8%; Score 173.5; DB 8; Length 855;
Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1310
ID ADN04754 standard; protein; 855 AA.

```
DE Antipsoriatic protein sequence #558.
PN WO2004028479-A2.
PD 08-APR-2004.
PA (GETH ) GENENTECH INC.
  Query Match 13.8%; Score 173.5; DB 8; Length 855;
  Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1311
ID ADP23334 standard; protein; 855 AA.
DE PRO polypeptide SEQ ID NO:428.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH ) GENENTECH INC.
  Query Match 13.8%; Score 173.5; DB 8; Length 855;
  Best Local Similarity 37.4%; Pred. No. 2.4e-05;
RESULT 1312
ID ADR66721 standard; protein; 863 AA.
DE Human prostatic carcinoma derived protein SEQ ID 233 #3.
PN WO2004076614-A2.
PD 10-SEP-2004.
PA (HINZ/) HINZMANN B.
PA (DAHL/) DAHL E.
PA (ROSE/) ROSENTHAL A.
PA (HERM/) HERMANN K.
PA (PILA/) PILARSKY C.
  Query Match 13.8%; Score 173.5; DB 8; Length 863;
  Best Local Similarity 37.4%; Pred. No. 2.5e-05;
RESULT 1313
ID ADR66379 standard; protein; 863 AA.
DE Human prostatic carcinoma derived protein SEQ ID 233 #2.
PN WO2004076614-A2.
PD 10-SEP-2004.
PA (HINZ/) HINZMANN B.
PA (DAHL/) DAHL E.
PA (ROSE/) ROSENTHAL A.
PA (HERM/) HERMANN K.
PA (PILA/) PILARSKY C.
  Query Match 13.8%; Score 173.5; DB 8; Length 863;
  Best Local Similarity 37.4%; Pred. No. 2.5e-05;
RESULT 1314
ID ADP21769 standard; protein; 83 AA.
DE Human CD28 specific LDL receptor A domain protein monomer A4.
PN WO2004044011-A2.
PD 27-MAY-2004.
PA (AVID-) AVIDIA RES INST.
  Query Match 13.7%; Score 173; DB 8; Length 83;
  Best Local Similarity 34.2%; Pred. No. 2e-06;
RESULT 1315
ID AAM25628 standard; protein; 851 AA.
DE Human protein sequence SEQ ID NO:1143.
PN WO200153455-A2.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
  Query Match 13.5%; Score 170.5; DB 4; Length 851;
  Best Local Similarity 36.6%; Pred. No. 4.2e-05;
RESULT 1316
ID ABB11428 standard; peptide; 851 AA.
DE Human membrane-type Ser Kinase homologue, SEQ ID NO:1798.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC.
  Query Match 13.5%; Score 170.5; DB 4; Length 851;
  Best Local Similarity 36.6%; Pred. No. 4.2e-05;
RESULT 1317
ID AAM17763 standard; protein; 125 AA.
DE Peptide #4197 encoded by probe for measuring cervical gene expression.
PN WO200157278-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
  Query Match 13.4%; Score 169; DB 4; Length 125;
  Best Local Similarity 32.5%; Pred. No. 6.6e-06;
RESULT 1318
ID AAM30275 standard; protein; 125 AA.
DE Peptide #4312 encoded by probe for measuring placental gene expression.
PN WO200157272-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
  Query Match 13.4%; Score 169; DB 4; Length 125;
  Best Local Similarity 32.5%; Pred. No. 6.6e-06;
RESULT 1319
ID ABB31573 standard; peptide; 125 AA.
DE Peptide #4224 encoded by breast cell single exon nucleic acid probe.
PN WO200157271-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
  Query Match 13.4%; Score 169; DB 4; Length 125;
  Best Local Similarity 32.5%; Pred. No. 6.6e-06;
RESULT 1320
ID ABG51634 standard; peptide; 125 AA.
DE Human liver peptide, SEQ ID NO 30282.
PN WO200157273-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
  Query Match 13.4%; Score 169; DB 4; Length 125;
  Best Local Similarity 32.5%; Pred. No. 6.6e-06;
RESULT 1321
ID ADN22983 standard; protein; 905 AA.
DE Bacterial polypeptide #5636.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
  Query Match 13.3%; Score 168; DB 8; Length 905;
  Best Local Similarity 27.1%; Pred. No. 7.2e-05;
RESULT 1322
ID ADN22982 standard; protein; 905 AA.
DE Bacterial polypeptide #5635.
PN US2003233675-A1.
PD 18-DEC-2003.
PA (CAOY/) CAO Y.
PA (HINK/) HINKLE G J.
PA (SLAT/) SLATER S C.
PA (CHEN/) CHEN X.
PA (GOLD/) GOLDMAN B S.
  Query Match 13.3%; Score 168; DB 8; Length 905;
  Best Local Similarity 27.1%; Pred. No. 7.2e-05;
RESULT 1323
ID AAM25612 standard; protein; 670 AA.
DE Human protein sequence SEQ ID NO:1127.
PN WO200153455-A2.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
  Query Match 13.2%; Score 166.5; DB 4; Length 670;
  Best Local Similarity 33.6%; Pred. No. 6.9e-05;
RESULT 1324
ID ABU04133 standard; protein; 670 AA.
DE Human expressed protein tag (EPT) #799.
PN WO200278524-A2.
PD 10-OCT-2002.
PA (ZYCO-) ZYCO INC.
  Query Match 13.2%; Score 166.5; DB 6; Length 670;
  Best Local Similarity 33.6%; Pred. No. 6.9e-05;
RESULT 1325
ID ABP43952 standard; protein; 795 AA.
DE Human PRO618.
PN WO200231111-A2.
PD 18-APR-2002.
PA (HYSE-) HYSEQ INC.
  Query Match 13.2%; Score 166; DB 5; Length 795;
  Best Local Similarity 34.0%; Pred. No. 9.1e-05;
RESULT 1326
ID AAY41710 standard; protein; 802 AA.
DE Human PRO618 protein sequence.
PN WO9946281-A2.
```

PD 16-SEP-1999.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 2; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1327
 ID AAB44266 standard; protein; 802 AA.
 DE Human PRO618 (UNQ354) protein sequence SEQ ID NO:169.
 PN WO200053756-A2.
 PD 14-SEP-2000.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 3; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1328
 ID AAB24052 standard; protein; 802 AA.
 DE Human PRO618 protein sequence SEQ ID NO:24.
 PN WO200053754-A1.
 PD 14-SEP-2000.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 3; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1329
 ID AAU82755 standard; protein; 802 AA.
 DE Amino acid sequence of novel human protease #54.
 PN WO200200860-A2.
 PD 03-JAN-2002.
 PA (SUGE-) SUGEN INC.
 Query Match 13.2%; Score 166; DB 5; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1330
 ID ABO25212 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane protein PRO618.
 PN US2003050239-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1331
 ID ABU72218 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane protein PRO618.
 PN US2002192706-A1.
 PD 19-DEC-2002.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1332
 ID ABU84898 standard; protein; 802 AA.
 DE Human secreted and transmembrane polypeptide PRO618.
 PN US2002177553-A1.
 PD 28-NOV-2002.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1333
 ID ABU61096 standard; protein; 802 AA.
 DE Human PRO618 polypeptide.
 PN US2002169284-A1.
 PD 14-NOV-2002.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1334
 ID ABU80365 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein PRO618.
 PN US2003004102-A1.
 PD 02-JAN-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1335
 ID ADA24708 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane protein PRO618.
 PN US2003050241-A1.
 PD 13-MAR-2003.

PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1336
 ID ABO19667 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane protein PRO618.
 PN US2003050240-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1337
 ID ADA12369 standard; protein; 802 AA.
 DE Human secreted/transmembrane polypeptide PRO618.
 PN US2003055216-A1.
 PD 20-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1338
 ID ABO19558 standard; protein; 802 AA.
 DE Novel human secreted and transmembrane polypeptide #26.
 PN US2003049633-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 6; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1339
 ID ADB73675 standard; protein; 802 AA.
 DE Human PRO polypeptide #26.
 PN US2003045462-A1.
 PD 06-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1340
 ID ADB76391 standard; protein; 802 AA.
 DE Human PRO polypeptide #26.
 PN US2003083248-A1.
 PD 01-MAY-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1341
 ID ADC43817 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein, PRO618.
 PN US2003054986-A1.
 PD 20-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1342
 ID ADC61577 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein, PRO618.
 PN US2003049684-A1.
 PD 13-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1343
 ID ADC63541 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein, PRO618.
 PN US2003054405-A1.
 PD 20-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;
 RESULT 1344
 ID ADC66641 standard; protein; 802 AA.
 DE Human secreted/transmembrane protein, PRO618.
 PN US2003060406-A1.
 PD 27-MAR-2003.
 PA (GETH) GENENTECH INC.
 Query Match 13.2%; Score 166; DB 7; Length 802;
 Best Local Similarity 34.0%; Pred. No. 9.2e-05;

Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1345
ID ADC68765 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003064407-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1346
ID ADC62825 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003068648-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1347
ID ADC67890 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003069178-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1348
ID ADC41210 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003072745-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1349
ID ADC67265 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003073131-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1350
ID ADC62201 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003073624-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1351
ID ADC41834 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003104998-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1352
ID ADE49203 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003096744-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1353
ID ADE35257 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203434-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1354
ID ADE16371 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203435-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1355
ID ADD72986 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203436-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1356
ID ADD72344 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003194781-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1357
ID ADE16995 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203433-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1358
ID ADF47009 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195333-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1359
ID ADG52766 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003216561-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1360
ID ADG60086 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003206915-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1361
ID ADI60846 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003077700-A1.
PD 24-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 7; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1362
ID ADE48503 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003104536-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1363

ID ADE89604 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003130181-A1.
PD 10-JUL-2003.
PA (ASHK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1364
ID ADF61244 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195345-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1365
ID ADF39936 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003198994-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1366
ID ADF45732 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195148-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1367
ID ADF24128 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003204055-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1368
ID ADF40560 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199021-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1369
ID ADF23504 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003203402-A1.
PD 30-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1370
ID ADF33487 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003194780-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1371
ID ADF26954 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199436-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1372
ID ADF27590 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199437-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1373
ID ADF41184 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199435-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1374
ID ADF32863 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003211091-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1375
ID ADF25229 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003211092-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1376
ID ADF26330 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003199674-A1.
PD 23-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1377
ID ADF34119 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003194410-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1378

ID ADF46356 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003195344-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1379
ID ADG50342 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003207803-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1380
ID ADG49718 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003215905-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1381
ID ADG51590 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003215908-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1382
ID ADG49094 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003216305-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1383
ID ADG48470 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2003216560-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1384
ID ADG50966 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004005312-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1385
ID ADG58910 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004005657-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1386
ID ADG62366 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004006219-A1.
PD 08-JAN-2004.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1387
ID ADH25391 standard; protein; 802 AA.

DE Human neurotrophin homologue related protein sequence SEQ ID NO:169.
PN EP1386931-A1.
PD 04-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1388
ID ADM17168 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004048332-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1389
ID ADL07002 standard; protein; 802 AA.
DE Human secreted/transmembrane protein, PRO618.
PN US2004063921-A1.
PD 01-APR-2004.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1390
ID ADT91615 standard; protein; 802 AA.
DE Human PRO618 protein sequence.
PN AU2002317529-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 13.2%; Score 166; DB 8; Length 802;
Best Local Similarity 34.0%; Pred. No. 9.2e-05;
RESULT 1391
ID ABR41132 standard; protein; 1564 AA.
DE Mouse LRP5 protein.
PN WO200292764-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 13.2%; Score 166; DB 6; Length 1564;
Best Local Similarity 31.0%; Pred. No. 0.00019;
RESULT 1392
ID ADB98799 standard; protein; 1564 AA.
DE Mouse Zmax1 (LRP5).
PN WO200292000-A2.
PD 21-NOV-2002.
PA (GENO-) GENOME THERAPEUTICS CORP.
PA (AMHP) WYETH.
Query Match 13.2%; Score 166; DB 7; Length 1564;
Best Local Similarity 31.0%; Pred. No. 0.00019;
RESULT 1393
ID ADH80870 standard; protein; 861 AA.
DE Human polypeptide #187.
PN US2003232054-A1.
PD 18-DEC-2003.
PA (TANG/) TANG Y T.
PA (LIUC/) LIU C.
PA (ASUN/) ASUNDI V.
PA (CHEN/) CHEN R.
PA (QIAN/) QIAN X B.
PA (WANG/) WANG Z W.
PA (WEHR/) WEHRMAN T.
PA (ZHAN/) ZHANG J.
PA (ZHOU/) ZHOU P.
PA (CAOY/) CAO Y.
PA (DRMA/) DRMANAC R T.
Query Match 13.1%; Score 165; DB 8; Length 861;
Best Local Similarity 32.2%; Pred. No. 0.00012;
RESULT 1394
ID AAE06934 standard; protein; 658 AA.
DE Human membrane-type serine protease (MTSP) 4-S splice variant.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 13.1%; Score 164.5; DB 4; Length 658;

Best Local Similarity 36.0%; Pred. No. 9.8e-05;
RESULT 1395
ID ADI10379 standard; protein; 658 AA.
DE Human cell surface protease #5.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.1%; Score 164.5; DB 7; Length 658;
Best Local Similarity 36.0%; Pred. No. 9.8e-05;
RESULT 1396
ID ADJ46903 standard; protein; 658 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #5.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 13.1%; Score 164.5; DB 8; Length 658;
Best Local Similarity 36.0%; Pred. No. 9.8e-05;
RESULT 1397
ID RAE06933 standard; protein; 802 AA.
DE Human membrane-type serine protease (MTSP) 4-L splice variant.
PN WO200157194-A2.
PD 09-AUG-2001.
PA (CORV-) CORVAS INT INC.
Query Match 13.1%; Score 164.5; DB 4; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00012;
RESULT 1398
ID ADI10377 standard; protein; 802 AA.
DE Human cell surface protease #4.
PN WO200295007-A2.
PD 28-NOV-2002.
PA (CORV-) CORVAS INT INC.
Query Match 13.1%; Score 164.5; DB 7; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00012;
RESULT 1399
ID ADJ46901 standard; protein; 802 AA.
DE Human transmembrane serine protease (MTSP) polypeptide #4.
PN US2004001801-A1.
PD 01-JAN-2004.
PA (CORV-) CORVAS INT INC.
Query Match 13.1%; Score 164.5; DB 8; Length 802;
Best Local Similarity 36.0%; Pred. No. 0.00012;
RESULT 1400
ID ABB71833 standard; protein; 286 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 42291.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 12.9%; Score 162.5; DB 4; Length 286;
Best Local Similarity 30.1%; Pred. No. 5.6e-05;
RESULT 1401
ID ABO01359 standard; protein; 463 AA.
DE Human protein NOV31k.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.9%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 9.6e-05;
RESULT 1402
ID ABO01361 standard; protein; 463 AA.
DE Human protein NOV31m.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.9%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 9.6e-05;
RESULT 1403
ID ABO01356 standard; protein; 463 AA.
DE Human protein NOV31h.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.9%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 9.6e-05;
RESULT 1404
ID ABO01357 standard; protein; 463 AA.
DE Human protein NOV31i.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.9%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 9.6e-05;
RESULT 1405
ID ABO01358 standard; protein; 463 AA.
DE Human protein NOV31j.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.9%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 9.6e-05;
RESULT 1406
ID ABO01360 standard; protein; 463 AA.
DE Human protein NOV31l.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.9%; Score 162.5; DB 6; Length 463;
Best Local Similarity 32.2%; Pred. No. 9.6e-05;
RESULT 1407
ID ADN96094 standard; protein; 463 AA.
DE Human NOVX polypeptide #74.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON) ZHONG M.
PA (LILL) LI L.
PA (GORM) GORMAN L.
PA (SPYT) SPYTEK K A.
PA (KEKU) KEKUDA R.
PA (TAUP) TAUPIER R J.
PA (ANDE) ANDERSON D W.
PA (VERN) VERNET C A M.
PA (CATT) CATTERTON E.
PA (MILL) MILLER C E.
PA (SHEN) SHENOY S G.
PA (PATT) PATTURAJAN M.
PA (PENA) PENNA C E A.
PA (TCHE) TCHERNEV V T.
PA (PADI) PADIGARU M.
PA (GUSE) GUSEV V Y.
PA (MALV) MALYANKAR U M.
PA (BURG) BURGESS C E.
PA (GERL) GERLACH V.
PA (CASM) CASMAN S J.
PA (RIEG) RIEGER D K.
PA (GROS) GROSSE W M.
PA (SMIT) SMITHSON G.
PA (PEYM) PEYMAN J A.
PA (STAR) STARLING G.
PA (ROTH) ROTHENBERG M E.
PA (LARO) LAROCHELLE W J.
PA (SHIM) SHIMKETS R A.
PA (CRAB) CRABTREE J.
PA (RAST) RASTELLI L.
PA (VOSS) VOSS E Z.
PA (BOLD) BOLDOGF L.
PA (EDIN) EDINGER S R.
PA (MILL) MILLET I.
PA (MACD) MACDOUGALL J R.
PA (ELLE) ELLERMAN K.
PA (CHAP) CHAPOVAL A.
Query Match 12.9%; Score 162.5; DB 8; Length 463;
Best Local Similarity 32.2%; Pred. No. 9.6e-05;
RESULT 1408
ID ADN96088 standard; protein; 463 AA.
DE Human NOVX polypeptide #71.
PN US2004067490-A1.
PD 08-APR-2004.

PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHE/) TCHERNEV V T.
PA (GUSE/) GUSEV V Y.
PA (MAY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (GROS/) GROSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 8; Length 837;
RESULT 1414
ID AAB070544 standard; protein; 840 AA.
DE Human PRO14 protein sequence SEQ ID NO:28.
PN WO200110902-A2.
PD 15-FEB-2001.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 4; Length 840;
RESULT 1415
ID ABO01352 standard; protein; 840 AA.
DE Human protein NOV31d.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 6; Length 840;
RESULT 1416
ID ABO01349 standard; protein; 840 AA.
DE Human protein NOV31a.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 6; Length 840;
RESULT 1417
ID ABO01364 standard; protein; 840 AA.
DE Human protein NOV31p.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 6; Length 840;
RESULT 1418
ID ADN96070 standard; protein; 840 AA.
DE Human NOVX polypeptide #62.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHE/) TCHERNEV V T.
PA (GUSE/) GUSEV V Y.
PA (MAY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (GROS/) GROSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 8; Length 840;
RESULT 1419
ID ABO01363 standard; protein; 858 AA.
DE Human protein NOV31o.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 6; Length 858;
RESULT 1420
ID AAY02381 standard; protein; 859 AA.
DE Polypeptide identified by the signal sequence trap method.
PN WO9918126-A1.
PD 15-APR-1999.
PA (ONOV) ONO PHARM CO LTD.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 2; Length 859;
RESULT 1421
ID AAB42317 standard; protein; 859 AA.
DE Human ORFX ORF2081 polypeptide sequence SEQ ID NO:4162.
PN WO200058473-A2.
PD 05-OCT-2000.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 32.2%; Score 162.5; DB 3; Length 859;
RESULT 1422
ID AAM24052 standard; protein; 859 AA.
DE Human EST encoded protein SEQ ID NO: 1577.
PN WO200154477-A2.
PD 02-AUG-2001.

PA (HYSE-) HYSEQ INC. 12.9%; Score 162.5; DB 4; Length 859;
Query Match 32.2%; Pred. No. 0.00019;
RESULT 1423
ID AAU14552 standard; protein; 859 AA.
DE Human novel protein #423.
PN WO200155437-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC. 12.9%; Score 162.5; DB 4; Length 859;
Query Match 32.2%; Pred. No. 0.00019;
RESULT 1424
ID AAU14316 standard; protein; 859 AA.
DE Human novel protein #187.
PN WO200155437-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC. 12.9%; Score 162.5; DB 4; Length 859;
Query Match 32.2%; Pred. No. 0.00019;
RESULT 1425
ID ABO01355 standard; protein; 859 AA.
DE Human protein NOV31g.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP. 12.9%; Score 162.5; DB 6; Length 859;
Query Match 32.2%; Pred. No. 0.00019;
RESULT 1426
ID ADN96082 standard; protein; 859 AA.
DE Human NOVX polypeptide #68.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M. 12.9%; Score 162.5; DB 4; Length 883;
PA (LILL/) LI L. 12.9%; Score 162.5; DB 4; Length 883;
PA (GORM/) GORMAN L. 12.9%; Score 162.5; DB 4; Length 883;
PA (SPYT/) SPYTEK K A. 12.9%; Score 162.5; DB 4; Length 883;
PA (KEKU/) KEKUDA R. 12.9%; Score 162.5; DB 4; Length 883;
PA (TAUP/) TAUPIER R J. 12.9%; Score 162.5; DB 4; Length 883;
PA (ANDE/) ANDERSON D W. 12.9%; Score 162.5; DB 4; Length 883;
PA (VERN/) VERNET C A M. 12.9%; Score 162.5; DB 4; Length 883;
PA (CATT/) CATTERTON E. 12.9%; Score 162.5; DB 4; Length 883;
PA (MILL/) MILLER C E. 12.9%; Score 162.5; DB 4; Length 883;
PA (SHEN/) SHENOY S G. 12.9%; Score 162.5; DB 4; Length 883;
PA (PATT/) PATTURAJAN M. 12.9%; Score 162.5; DB 4; Length 883;
PA (PENA/) PENA C E A. 12.9%; Score 162.5; DB 4; Length 883;
PA (TCHE/) TCHERNEV V T. 12.9%; Score 162.5; DB 4; Length 883;
PA (GUSE/) GUSEV V Y. 12.9%; Score 162.5; DB 4; Length 883;
PA (BURG/) BURGESS C E. 12.9%; Score 162.5; DB 4; Length 883;
PA (GERL/) GERLACH V. 12.9%; Score 162.5; DB 4; Length 883;
PA (CASM/) CASMAN S J. 12.9%; Score 162.5; DB 4; Length 883;
PA (RIEG/) RIEGER D K. 12.9%; Score 162.5; DB 4; Length 883;
PA (PEYM/) PEYMAN J A. 12.9%; Score 162.5; DB 4; Length 883;
PA (STAR/) STARLING G. 12.9%; Score 162.5; DB 4; Length 883;
PA (ROTH/) ROTHENBERG M E. 12.9%; Score 162.5; DB 4; Length 883;
PA (LARO/) LAROCHELLE W J. 12.9%; Score 162.5; DB 4; Length 883;
PA (SHIM/) SHIMKETS R A. 12.9%; Score 162.5; DB 4; Length 883;
PA (CRAB/) CRABTREE J. 12.9%; Score 162.5; DB 4; Length 883;
PA (RAST/) RASTELLI L. 12.9%; Score 162.5; DB 4; Length 883;
PA (VOSS/) VOSS E Z. 12.9%; Score 162.5; DB 4; Length 883;
PA (BOLD/) BOLDG F L. 12.9%; Score 162.5; DB 4; Length 883;
PA (EDIN/) EDINGER S R. 12.9%; Score 162.5; DB 4; Length 883;
PA (MILL/) MILLET I. 12.9%; Score 162.5; DB 4; Length 883;
PA (MACD/) MACDOUGALL J R. 12.9%; Score 162.5; DB 4; Length 883;
PA (ELLE/) ELLERMAN K. 12.9%; Score 162.5; DB 4; Length 883;
PA (CHAF/) CHAFOVAL A. 12.9%; Score 162.5; DB 4; Length 883;
Query Match 12.9%; Score 162.5; DB 8; Length 859;
Best Local Similarity 32.2%; Pred. No. 0.00019;
RESULT 1427
ID ADO20151 standard; protein; 859 AA.

DE Human PRO polypeptide #530.
PN WO2004043361-A2.
PD 27-MAY-2004.
PA (GETH/) GENENTECH INC. 12.9%; Score 162.5; DB 8; Length 859;
Query Match 32.2%; Pred. No. 0.00019;
Best Local Similarity 32.2%; Pred. No. 0.00019;
RESULT 1428
ID ABO84698 standard; protein; 859 AA.
DE Human cancer-associated protein HP21-017.2.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC. 12.9%; Score 162.5; DB 8; Length 859;
Query Match 32.2%; Pred. No. 0.00019;
Best Local Similarity 32.2%; Pred. No. 0.00019;
RESULT 1429
ID ADP25177 standard; protein; 859 AA.
DE PRO polypeptide SEQ ID NO:2355.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH/) GENENTECH INC. 12.9%; Score 162.5; DB 8; Length 859;
Query Match 32.2%; Pred. No. 0.00019;
Best Local Similarity 32.2%; Pred. No. 0.00019;
RESULT 1430
ID ADP24064 standard; protein; 859 AA.
DE PRO polypeptide SEQ ID NO:1242.
PN WO2004041170-A2.
PD 21-MAY-2004.
PA (GETH/) GENENTECH INC. 12.9%; Score 162.5; DB 8; Length 859;
Query Match 32.2%; Pred. No. 0.00019;
Best Local Similarity 32.2%; Pred. No. 0.00019;
RESULT 1431
ID ABB11898 standard; peptide; 883 AA.
DE Human SY7 protein homologue, SEQ ID NO:2268.
PN WO200157188-A2.
PD 09-AUG-2001.
PA (HYSE-) HYSEQ INC. 12.9%; Score 162.5; DB 4; Length 883;
Query Match 32.2%; Pred. No. 0.0002;
Best Local Similarity 32.2%; Pred. No. 0.0002;
RESULT 1432
ID AAO20441 standard; protein; 894 AA.
DE Protein of the human cancer suppressor gene 98.
PN CN1328030-A.
PD 26-DEC-2001.
PA (BODE-) BODE GENE DEV CO LTD SHANGHAI. 12.9%; Score 162.5; DB 5; Length 894;
Query Match 32.2%; Pred. No. 0.0002;
Best Local Similarity 32.2%; Pred. No. 0.0002;
RESULT 1433
ID ADN96100 standard; protein; 840 AA.
DE Human NOVX polypeptide #77.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M. 12.9%; Score 162.5; DB 4; Length 883;
PA (LILL/) LI L. 12.9%; Score 162.5; DB 4; Length 883;
PA (GORM/) GORMAN L. 12.9%; Score 162.5; DB 4; Length 883;
PA (SPYT/) SPYTEK K A. 12.9%; Score 162.5; DB 4; Length 883;
PA (KEKU/) KEKUDA R. 12.9%; Score 162.5; DB 4; Length 883;
PA (TAUP/) TAUPIER R J. 12.9%; Score 162.5; DB 4; Length 883;
PA (ANDE/) ANDERSON D W. 12.9%; Score 162.5; DB 4; Length 883;
PA (VERN/) VERNET C A M. 12.9%; Score 162.5; DB 4; Length 883;
PA (CATT/) CATTERTON E. 12.9%; Score 162.5; DB 4; Length 883;
PA (MILL/) MILLER C E. 12.9%; Score 162.5; DB 4; Length 883;
PA (SHEN/) SHENOY S G. 12.9%; Score 162.5; DB 4; Length 883;
PA (PATT/) PATTURAJAN M. 12.9%; Score 162.5; DB 4; Length 883;
PA (PENA/) PENA C E A. 12.9%; Score 162.5; DB 4; Length 883;
PA (TCHE/) TCHERNEV V T. 12.9%; Score 162.5; DB 4; Length 883;
PA (PADI/) PADIGARU M. 12.9%; Score 162.5; DB 4; Length 883;
PA (GUSE/) GUSEV V Y. 12.9%; Score 162.5; DB 4; Length 883;
PA (MALY/) MALYANKAR U M. 12.9%; Score 162.5; DB 4; Length 883;
PA (BURG/) BURGESS C E. 12.9%; Score 162.5; DB 4; Length 883;
PA (GERL/) GERLACH V. 12.9%; Score 162.5; DB 4; Length 883;
PA (CASM/) CASMAN S J. 12.9%; Score 162.5; DB 4; Length 883;
PA (RIEG/) RIEGER D K. 12.9%; Score 162.5; DB 4; Length 883;
PA (GROS/) GROSSE W M. 12.9%; Score 162.5; DB 4; Length 883;

PA (SWIT//) SMITHSON G.
PA (PEYM//) PEYMAN J A.
PA (STAR//) STARLING G.
PA (ROTH//) ROTHENBERG M E.
PA (LARO//) LAROCHELLE W J.
PA (SHIM//) SHIMKETS R A.
PA (CRAB//) CRABTREE J.
PA (RAST//) RASTELLI L.
PA (VOSS//) VOSS E Z.
PA (BOLD//) BOLDOG F L.
PA (EDIN//) EDINGER S R.
PA (MILL//) MILLET I.
PA (MACD//) MACDOUGALL J R.
PA (ELLE//) ELLERMAN K.
PA (CHAP//) CHAPOVAL A.
Query Match
Best Local Similarity 12.9%; Score 162; DB 8; Length 840;
Pred. No. 0.0002;
RESULT 1434
ID AAU81054 standard; protein; 86 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #23.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match
Best Local Similarity 12.8%; Score 161.5; DB 5; Length 86;
Pred. No. 1.8e-05;
RESULT 1435
ID ABO01362 standard; protein; 463 AA.
DE Human protein NOV31n.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 12.8%; Score 161.5; DB 6; Length 463;
Pred. No. 0.00012;
RESULT 1436
ID ADN96090 standard; protein; 463 AA.
DE Human NOVX polypeptide #72.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON//) ZHONG M.
PA (LILL//) LI L.
PA (GORM//) GORMAN L.
PA (SPYT//) SPYTEK K A.
PA (KEKU//) KEKUDA R.
PA (TAUP//) TAUPIER R J.
PA (ANDE//) ANDERSON D W.
PA (VERN//) VERNET C A M.
PA (CATT//) CATTERTON E.
PA (MILL//) MILLER C E.
PA (SHEN//) SHENOY S G.
PA (PENA//) PENNA C E A.
PA (TCHE//) TCHERNEV V T.
PA (PADI//) PADIGARU M.
PA (GUSE//) GUSEV V Y.
PA (MALT//) MALYANKAR U M.
PA (BURG//) BURGESS C E.
PA (GERL//) GERLACH V.
PA (CASM//) CASMAN S J.
PA (RIEG//) RIEGER D K.
PA (GROS//) GROSSE W M.
PA (SMIT//) SMITHSON G.
PA (PEYM//) PEYMAN J A.
PA (STAR//) STARLING G.
PA (ROTH//) ROTHENBERG M E.
PA (LARO//) LAROCHELLE W J.
PA (SHIM//) SHIMKETS R A.
PA (CRAB//) CRABTREE J.
PA (RAST//) RASTELLI L.
PA (VOSS//) VOSS E Z.
PA (BOLD//) BOLDOG F L.
PA (EDIN//) EDINGER S R.
PA (MILL//) MILLET I.
PA (MACD//) MACDOUGALL J R.
PA (ELLE//) ELLERMAN K.
PA (CHAP//) CHAPOVAL A.
Query Match
Best Local Similarity 12.8%; Score 161.5; DB 8; Length 463;
Pred. No. 0.00012;
RESULT 1437
ID ADN96096 standard; protein; 463 AA.
DE Human NOVX polypeptide #75.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON//) ZHONG M.
PA (LILL//) LI L.
PA (GORM//) GORMAN L.
PA (SPYT//) SPYTEK K A.
PA (KEKU//) KEKUDA R.
PA (TAUP//) TAUPIER R J.
PA (ANDE//) ANDERSON D W.
PA (VERN//) VERNET C A M.
PA (CATT//) CATTERTON E.
PA (MILL//) MILLER C E.
PA (SHEN//) SHENOY S G.
PA (PATT//) PATTURAJAN M.
PA (PENA//) PENNA C E A.
PA (TCHE//) TCHERNEV V T.
PA (PADI//) PADIGARU M.
PA (GUSE//) GUSEV V Y.
PA (MALT//) MALYANKAR U M.
PA (BURG//) BURGESS C E.
PA (GERL//) GERLACH V.
PA (CASM//) CASMAN S J.
PA (RIEG//) RIEGER D K.
PA (GROS//) GROSSE W M.
PA (SMIT//) SMITHSON G.
PA (PEYM//) PEYMAN J A.
PA (STAR//) STARLING G.
PA (ROTH//) ROTHENBERG M E.
PA (LARO//) LAROCHELLE W J.
PA (SHIM//) SHIMKETS R A.
PA (CRAB//) CRABTREE J.
PA (RAST//) RASTELLI L.
PA (VOSS//) VOSS E Z.
PA (BOLD//) BOLDOG F L.
PA (EDIN//) EDINGER S R.
PA (MILL//) MILLET I.
PA (MACD//) MACDOUGALL J R.
PA (ELLE//) ELLERMAN K.
PA (CHAP//) CHAPOVAL A.
Query Match
Best Local Similarity 12.8%; Score 161.5; DB 8; Length 463;
Pred. No. 0.00012;
RESULT 1438
ID ABO84696 standard; protein; 671 AA.
DE Mouse cancer-associated protein MP21-017.1.
PN WO2004074320-A2.
PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match
Best Local Similarity 12.7%; Score 160.5; DB 8; Length 671;
Pred. No. 0.00021;
RESULT 1439
ID ADI16879 standard; protein; 845 AA.
DE African clawed frog NOVX protein homologue SeqID 415.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 12.7%; Score 160; DB 5; Length 845;
Pred. No. 0.0003;
RESULT 1440
ID AAU81064 standard; protein; 81 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #33.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match
Best Local Similarity 12.7%; Score 159.5; DB 5; Length 81;
Pred. No. 2.4e-05;
RESULT 1441

ID ABG01304 standard; protein; 51 AA.
DE Novel human diagnostic protein #1295.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.6%; Score 159; DB 4; Length 51;
Best Local Similarity 100.0%; Pred. No. 1.6e-05;
RESULT 1442
ID ABG18404 standard; protein; 51 AA.
DE Novel human diagnostic protein #18395.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.6%; Score 159; DB 4; Length 51;
Best Local Similarity 100.0%; Pred. No. 1.6e-05;
RESULT 1443
ID ABB70439 standard; protein; 123 AA.
DE Drosoephila melanogaster polypeptide SEQ ID NO 38109.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE) PE CORP NY.
Query Match 12.5%; Score 157.5; DB 4; Length 123;
Best Local Similarity 29.2%; Pred. No. 5.6e-05;
RESULT 1444
ID AAU81033 standard; protein; 86 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #2.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 12.4%; Score 156.5; DB 5; Length 86;
Best Local Similarity 31.6%; Pred. No. 4.5e-05;
RESULT 1445
ID AAU81046 standard; protein; 108 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #15.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 12.3%; Score 155; DB 5; Length 108;
Best Local Similarity 30.3%; Pred. No. 7.7e-05;
RESULT 1446
ID ADN96074 standard; protein; 430 AA.
DE Human NOVX polypeptide #64.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHE/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALY/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M B.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.

PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 12.3%; Score 155; DB 8; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.00036;
RESULT 1447
ID ADP81157 standard; protein; 293 AA.
DE Protein of human ovarian specific gene, SEQ ID No 191.
PN WO2004053079-A2.
PD 24-JUN-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 12.3%; Score 154.5; DB 8; Length 293;
Best Local Similarity 26.9%; Pred. No. 0.00026;
RESULT 1448
ID ADJ67641 standard; protein; 635 AA.
DE Human ovarian specific polypeptide SEQ ID NO:355.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 12.3%; Score 154.5; DB 8; Length 635;
Best Local Similarity 26.9%; Pred. No. 0.0006;
RESULT 1449
ID ADP81158 standard; protein; 635 AA.
DE Protein of human ovarian specific gene, SEQ ID No 192.
PN WO2004053079-A2.
PD 24-JUN-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 12.3%; Score 154.5; DB 8; Length 635;
Best Local Similarity 26.9%; Pred. No. 0.0006;
RESULT 1450
ID AAU81043 standard; protein; 80 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #12.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 12.2%; Score 154; DB 5; Length 80;
Best Local Similarity 28.8%; Pred. No. 6.6e-05;
RESULT 1451
ID ABG21442 standard; protein; 932 AA.
DE Novel human diagnostic protein #21433.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.2%; Score 154; DB 4; Length 932;
Best Local Similarity 33.1%; Pred. No. 0.001;
RESULT 1452
ID AAM19029 standard; protein; 79 AA.
DE Peptide #5463 encoded by probe for measuring cervical gene expression.
PN WO200157278-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 12.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 7.2e-05;
RESULT 1453
ID ABB38235 standard; peptide; 79 AA.
DE Peptide #5741 encoded by human foetal liver single exon probe.
PN WO200157277-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 12.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 7.2e-05;
RESULT 1454
ID AAM31668 standard; protein; 79 AA.
DE Peptide #5705 encoded by probe for measuring placental gene expression.
PN WO200157272-A2.
PD 09-AUG-2001.
PA (MOLE-) MOLECULAR DYNAMICS INC.
Query Match 12.2%; Score 153.5; DB 4; Length 79;

Best Local Similarity 30.4%; Pred. No. 7.2e-05;
RESULT 1455
ID ABB23413 standard; protein; 79 AA.
DE Protein #5412 encoded by probe for measuring heart cell gene expression.
PN WO200157274-A2.
PD 09-AUG-2001.
PA (MOLR-) MOLECULAR DYNAMICS INC.
Query Match 12.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 7.2e-05;
RESULT 1456
ID ARG53088 standard; peptide; 79 AA.
DE Human liver peptide, SEQ ID No 31736.
PN WO200157273-A2.
PD 09-AUG-2001.
PA (MOLR-) MOLECULAR DYNAMICS INC.
Query Match 12.2%; Score 153.5; DB 4; Length 79;
Best Local Similarity 30.4%; Pred. No. 7.2e-05;
RESULT 1457
ID ARG41186 standard; peptide; 79 AA.
DE Human peptide encoded by genome-derived single exon probe SEQ ID 30851.
PN WO200186003-A2.
PD 15-NOV-2001.
PA (MOLR-) MOLECULAR DYNAMICS INC.
Query Match 12.2%; Score 153.5; DB 5; Length 79;
Best Local Similarity 30.4%; Pred. No. 7.2e-05;
RESULT 1458
ID ADN96086 standard; protein; 463 AA.
DE Human NOVX polypeptide #70.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHS/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (WALV/) MALYANKAR U M.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOGF F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match 12.2%; Score 153.5; DB 8; Length 463;
Best Local Similarity 31.4%; Pred. No. 0.00051;
RESULT 1459
ID ADS10475 standard; protein; 192 AA.
DE Human therapeutic protein - SEQ ID 712.
PN WO2004080148-A2.

PD 23-SEP-2004.
PA (NUVE-) NUVELO INC.
Query Match 12.1%; Score 152.5; DB 8; Length 192;
Best Local Similarity 29.0%; Pred. No. 0.00023;
RESULT 1460
ID AAE11928 standard; protein; 639 AA.
DE Human CGI68 (or C595) receptor protein #1.
PN WO200179446-A2.
PD 25-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.1%; Score 152.5; DB 4; Length 639;
Best Local Similarity 29.0%; Pred. No. 0.00088;
RESULT 1461
ID AAU81051 standard; protein; 68 AA.
DE Human alpha2 macroglobulin (alpha2M) receptor #2 peptide #20.
PN WO200192474-A1.
PD 06-DEC-2001.
PA (UYCO-) UNIV CONNECTICUT HEALTH CENT.
Query Match 12.1%; Score 152; DB 5; Length 68;
Best Local Similarity 30.2%; Pred. No. 8e-05;
RESULT 1462
ID ABR43309 standard; protein; 376 AA.
DE Human lipid-associated molecule LIPAM-14 protein SEQ ID NO:14.
PN WO2003025150-A2.
PD 27-MAR-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 12.1%; Score 152; DB 6; Length 376;
Best Local Similarity 27.8%; Pred. No. 0.00054;
RESULT 1463
ID ABG18412 standard; protein; 165 AA.
DE Novel human diagnostic protein #18403.
PN WO200175067-A2.
PD 11-OCT-2001.
PA (HYSE-) HYSEQ INC.
Query Match 12.0%; Score 151.5; DB 4; Length 165;
Best Local Similarity 28.3%; Pred. No. 0.00024;
RESULT 1464
ID AAU00398 standard; protein; 430 AA.
DE Human secreted protein, POLY10.
PN WO200119856-A2.
PD 22-MAR-2001.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 151; DB 4; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.00075;
RESULT 1465
ID ABO01351 standard; protein; 430 AA.
DE Human protein NOV31C.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 12.0%; Score 151; DB 6; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.00075;
RESULT 1466
ID ADH99022 standard; protein; 430 AA.
DE Human POLYX polypeptide #10.
PN US2003198958-A1.
PD 23-OCT-2003.
PA (SHIM/) SHIMKETS R A.
PA (FERN/) FERNANDES E.
PA (HERR/) HERMANN J L.
PA (LIUX/) LIU X.
PA (YANG/) YANG M.
PA (BOLD/) BOLDOGF F L.
PA (SMIT/) SMITHSON G.
PA (RAST/) RASTELLI L.
Query Match 12.0%; Score 151; DB 8; Length 430;
Best Local Similarity 29.2%; Pred. No. 0.00075;
RESULT 1467
ID AAB70545 standard; protein; 449 AA.
DE Human PRO15 protein sequence SEQ ID NO:30.
PN WO200110902-A2.
PD 15-FEB-2001.
PA (CURA-) CURAGEN CORP.

```
Query Match
Best Local Similarity 12.0%; Score 151; DB 4; Length 449;
RESULT 1468
ID ABO01350 standard; protein; 449 AA.
DE Human protein NOV31b.
PN WO2003023008-A2.
PD 20-MAR-2003.
PA (CURA-) CURAGEN CORP.
Query Match
Best Local Similarity 12.0%; Score 151; DB 6; Length 449;
Best Local Similarity 29.2%; Pred. No. 0.00079;
RESULT 1469
ID ADN96072 standard; protein; 449 AA.
DE Human NOVX polypeptide #63.
PN US2004067490-A1.
PD 08-APR-2004.
PA (ZHON/) ZHONG M.
PA (LILL/) LI L.
PA (GORM/) GORMAN L.
PA (SPYT/) SPYTEK K A.
PA (KEKU/) KEKUDA R.
PA (TAUP/) TAUPIER R J.
PA (ANDE/) ANDERSON D W.
PA (VERN/) VERNET C A M.
PA (CATT/) CATTERTON E.
PA (MILL/) MILLER C E.
PA (SHEN/) SHENOY S G.
PA (PATT/) PATTURAJAN M.
PA (PENA/) PENA C E A.
PA (TCHER/) TCHERNEV V T.
PA (PADI/) PADIGARU M.
PA (GUSE/) GUSEV V Y.
PA (MALT/) MALTBY J.
PA (BURG/) BURGESS C E.
PA (GERL/) GERLACH V.
PA (CASM/) CASMAN S J.
PA (RIEG/) RIEGER D K.
PA (GROS/) GROSSE W M.
PA (SMIT/) SMITHSON G.
PA (PEYM/) PEYMAN J A.
PA (STAR/) STARLING G.
PA (ROTH/) ROTHENBERG M E.
PA (LARO/) LAROCHELLE W J.
PA (SHIM/) SHIMKETS R A.
PA (CRAB/) CRABTREE J.
PA (RAST/) RASTELLI L.
PA (VOSS/) VOSS E Z.
PA (BOLD/) BOLDOG F L.
PA (EDIN/) EDINGER S R.
PA (MILL/) MILLET I.
PA (MACD/) MACDOUGALL J R.
PA (ELLE/) ELLERMAN K.
PA (CHAP/) CHAPOVAL A.
Query Match
Best Local Similarity 12.0%; Score 151; DB 8; Length 469;
Best Local Similarity 29.2%; Pred. No. 0.00083;
RESULT 1472
ID ABB68573 standard; protein; 417 AA.
DE Drosophila melanogaster polypeptide SEQ ID NO 32511.
PN WO200171042-A2.
PD 27-SEP-2001.
PA (PEKE ) PE CORP NY.
Query Match
Best Local Similarity 11.9%; Score 150.5; DB 4; Length 417;
Best Local Similarity 27.3%; Pred. No. 0.0008;
RESULT 1473
ID ADJ37885 standard; protein; 417 AA.
DE D melanogaster minichromosome inheritance-related protein SeqID2.
PN US2003134278-A1.
PD 17-JUL-2003.
PA (KARP/) KARPEN G H.
PA (DOBI/) DOBIE K W.
PA (COOK/) COOK K R.
PA (MURP/) MURPHY T D.
Query Match
Best Local Similarity 11.9%; Score 150.5; DB 7; Length 417;
Best Local Similarity 27.3%; Pred. No. 0.0008;
RESULT 1474
ID ADS96456 standard; protein; 417 AA.
DE Drosophila melanogaster protein, SEQ ID 77.
PN WO2004039999-A2.
PD 13-MAY-2004.
PA (SYGN ) SYNGENTA PARTICIPATIONS AG.
Query Match
Best Local Similarity 11.9%; Score 150.5; DB 8; Length 417;
Best Local Similarity 27.3%; Pred. No. 0.0008;
RESULT 1475
ID ABP96136 standard; protein; 399 AA.
DE Human TNF receptor 2 related protein variant SEQ ID NO.1.
PN WO2003012037-A2.
PD 13-FEB-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match
Best Local Similarity 11.9%; Score 150; DB 6; Length 399;
Best Local Similarity 26.9%; Pred. No. 0.00083;
RESULT 1476
ID ADJ67638 standard; protein; 399 AA.
DE Human ovarian specific polypeptide SEQ ID NO.352.
PN WO2004013311-A2.
PD 12-FEB-2004.
```

PA (DIAD-) DIADEXUS INC.
Query Match 11.9%; Score 150; DB 8; Length 399;
Best Local Similarity 26.9%; Pred. No. 0.00083;
RESULT 1477
ID ABM83612 standard; protein; 410 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3861.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 11.9%; Score 150; DB 8; Length 410;
Best Local Similarity 26.9%; Pred. No. 0.00086;
RESULT 1478
ID AAU28166 standard; protein; 1637 AA.
DE Novel human secretory protein, Seq ID No 335.
PN WO200166689-A2.
PD 13-SEP-2001.
PA (HYSE-) HYSEQ INC.
Query Match 11.9%; Score 150; DB 4; Length 1637;
Best Local Similarity 26.4%; Pred. No. 0.004;
RESULT 1479
ID ADJ67643 standard; protein; 305 AA.
DE Human ovarian specific polypeptide SEQ ID NO:357.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 11.8%; Score 149; DB 8; Length 305;
Best Local Similarity 27.0%; Pred. No. 0.00075;
RESULT 1480
ID ABP96137 standard; protein; 435 AA.
DE Human TNF receptor 2 related protein/LTRbeta SEQ ID NO:19.
PN WO2003012037-A2.
PD 13-FEB-2003.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 11.8%; Score 149; DB 6; Length 435;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1481
ID ABR40220 standard; protein; 435 AA.
DE Human genoxin.
PN WO2003011322-A1.
PD 13-FEB-2003.
PA (GEST-) GENSET SA.
Query Match 11.8%; Score 149; DB 6; Length 435;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1482
ID ABU89821 standard; protein; 435 AA.
DE TNF-receptor associated factor 5 (TRAF5) interacting protein #1.
PN WO2003031571-A2.
PD 17-APR-2003.
PA (CURA-) CURAGEN CORP.
Query Match 11.8%; Score 149; DB 6; Length 435;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1483
ID ADF50693 standard; protein; 435 AA.
DE Human lymphotoxin-beta protein.
PN EP136619-A2.
PD 20-AUG-2003.
PA (MILL-) MILLENIUM PHARM INC.
Query Match 11.8%; Score 149; DB 7; Length 435;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1484
ID ABM85509 standard; protein; 435 AA.
DE Human protein sequence hCP41584.
PN WO2003073826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
Query Match 11.8%; Score 149; DB 7; Length 435;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1485
ID ADJ67639 standard; protein; 435 AA.
DE Human ovarian specific polypeptide SEQ ID NO:353.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.

Query Match 11.8%; Score 149; DB 8; Length 435;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1486
ID ABM81346 standard; protein; 435 AA.
DE Tumour-associated antigenic target (TAT) polypeptide PRO2622, SEQ:3477.
PN WO2004030615-A2.
PD 15-APR-2004.
PA (GETH-) GENENTECH INC.
Query Match 11.8%; Score 149; DB 8; Length 435;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1487
ID ABM83611 standard; protein; 439 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3860.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 11.8%; Score 149; DB 8; Length 439;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1488
ID ABM83610 standard; protein; 446 AA.
DE Human diagnostic and therapeutic pprotein SEQ ID NO:3859.
PN WO2004023973-A2.
PD 25-MAR-2004.
PA (INCY-) INCYTE CORP.
Query Match 11.8%; Score 149; DB 8; Length 446;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1489
ID ADJ67640 standard; protein; 450 AA.
DE Human ovarian specific polypeptide SEQ ID NO:354.
PN WO2004013311-A2.
PD 12-FEB-2004.
PA (DIAD-) DIADEXUS INC.
Query Match 11.8%; Score 149; DB 8; Length 450;
Best Local Similarity 27.0%; Pred. No. 0.0011;
RESULT 1490
ID ADI16874 standard; protein; 799 AA.
DE Murine NOVX protein homologue SeqID 410.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.8%; Score 148.5; DB 5; Length 799;
Best Local Similarity 34.4%; Pred. No. 0.0024;
RESULT 1491
ID ADI16880 standard; protein; 799 AA.
DE Murine NOVX protein homologue SeqID 416.
PN WO200268649-A2.
PD 06-SEP-2002.
PA (CURA-) CURAGEN CORP.
Query Match 11.8%; Score 148.5; DB 5; Length 799;
Best Local Similarity 34.4%; Pred. No. 0.0024;
RESULT 1492
ID AAU18139 standard; protein; 179 AA.
DE Novel human uterine motility-association polypeptide #46.
PN WO200155201-A1.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 11.7%; Score 147.5; DB 4; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00054;
RESULT 1493
ID AAU18690 standard; protein; 179 AA.
DE Renal and cardiovascular-associated protein, Seq ID 129.
PN WO200155328-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 11.7%; Score 147.5; DB 4; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00054;
RESULT 1494
ID AAU17055 standard; protein; 179 AA.
DE Human novel secreted protein, Seq ID 296.
PN WO200155441-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 11.7%; Score 147.5; DB 4; Length 179;

Best Local Similarity 33.0%; Pred. No. 0.00054;
RESULT 1495
ID ABB10539 standard; protein; 179 AA.
DE Human cDNA SEQ ID NO: 847.
PN WO200154474-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 11.7%; Score 147.5; DB 4; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00054;
RESULT 1496
ID ABJ05766 standard; protein; 179 AA.
DE Novel human protein SEQ ID No 115.
PN US2002086330-A1.
PD 04-JUL-2002.
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match 11.7%; Score 147.5; DB 5; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00054;
RESULT 1497
ID ABP67126 standard; protein; 179 AA.
DE Human polypeptide SEQ ID NO 847.
PN US2002090672-A1.
PD 11-JUL-2002.
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match 11.7%; Score 147.5; DB 5; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00054;
RESULT 1498
ID ABU97305 standard; protein; 179 AA.
DE Human polypeptide #47.
PN US2003013649-A1.
PD 16-JAN-2003.
PA (ROSE/) ROSEN C A.
PA (RUBE/) RUBEN S M.
PA (BARA/) BARASH S C.
Query Match 11.7%; Score 147.5; DB 6; Length 179;
Best Local Similarity 33.0%; Pred. No. 0.00054;
RESULT 1499
ID AAU16984 standard; protein; 478 AA.
DE Human novel secreted protein, SEQ ID 225.
PN WO200155441-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 11.7%; Score 147.5; DB 4; Length 478;
Best Local Similarity 33.0%; Pred. No. 0.0016;
RESULT 1500
ID ABB10372 standard; protein; 487 AA.
DE Human cDNA SEQ ID NO: 680.
PN WO200154474-A2.
PD 02-AUG-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 11.7%; Score 147.5; DB 4; Length 487;
Best Local Similarity 33.0%; Pred. No. 0.0017;

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:17:07 ; Search time 104.089 Seconds

(without alignments)
1387.335 Million cell updates/sec

Title: US-09-904-532B-127

Perfect score: 1503

Sequence: 1 MSGGMAQVCAWRTGALGLA.....GLLVAMKESLLSEQKTSPLP 282

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1512378 seqs, 512079187 residues

Total number of hits satisfying chosen parameters: 1612378

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database :

UniProt_03.*

1: uniprot_sprot.*

2: uniprot_trembl.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1503	100.0	282	2 QNPF0	Qnfp0 homo sapien
2	750.5	49.9	260	2 Q9Z1P5	Q9z1p5 mus musculus
3	750.5	49.9	260	2 Q641V7	Q641v7 xenopus lae
4	744.5	49.5	260	2 Q9CWC2	Q9cwc2 mus musculus
5	742.5	49.4	260	2 Q8C2Q4	Q8c2q4 mus musculus
6	371	24.7	198	2 Q7TSW0	Q7tsw0 mus musculus
7	293.5	19.5	996	1 LRP8 MOUSE	Q924x6 mus musculus
8	286.5	19.1	863	1 LDVR_CHICK	P98165 gallus gall
9	284.5	18.9	355	2 Q802Y2	Q802v2 brachydanio
10	280.5	18.7	873	1 LDVR_HUMAN	P98155 homo sapien
11	280	18.6	752	2 Q8NA7	Q8nan7 homo sapien
12	280	18.6	873	2 Q8S4M1	Q8s4m1 macaca mula
13	278.5	18.5	869	2 Q42126	Q42126 xenopus lae
14	278.5	18.5	1444	2 Q7QGVO	Q7qgv0 anopheles g
15	277.5	18.5	869	2 Q6NS01	Q6ns01 xenopus lae
16	277.5	18.5	963	1 LRP8 HUMAN	Q14114 homo sapien
17	277	18.4	845	2 Q77505	Q77505 bos taurus
18	276.5	18.4	847	2 Q90W12	Q90w12 oncorhynch
19	275	18.3	845	2 Q91Y0	Q91y0 mus musculus
20	275	18.3	873	1 LDVR_MOUSE	P98156 mus musculus
21	271	18.0	844	2 Q6Y857	Q6y857 morone amer
22	271	18.0	844	2 Q72TG7	Q7ztg7 oreochromis
23	271	18.0	873	1 LDVR_RAT	P98166 rattus norv
24	271	18.0	891	2 Q7YW57	Q7yw57 aedes aegyp
25	268	17.8	873	1 LDVR_RABIT	P35953 oryctolagus
26	267	17.8	917	1 LRP8_CHICK	Q98931 gallus gall
27	261.5	17.4	1081	2 Q8T4N8	Q8t4n8 penaeus sem
28	261	17.4	5141	2 Q700K0	Q700k0 rattus norv
29	258	17.2	1156	2 Q863F3	Q863f3 aedes aegyp
30	255.5	17.0	4660	1 LRP2_RAT	P98158 rattus norv
31	255	17.0	379	2 Q7SXV0	Q7sxxv brachydanio

32	253.5	16.9	1537	2	Q8WY29	Q8wy29 homo sapien
33	253.5	16.9	4599	1	LR1B_HUMAN	Q9nzz2 homo sapien
34	252.5	16.8	891	2	Q7T2X3	Q7t2x3 gallus gall
35	251	16.7	4544	1	LRP1_HUMAN	Q07954 homo sapien
36	251	16.7	4545	2	Q91ZX7	Q91zx7 mus musculus
37	251	16.7	4545	2	Q920Y4	Q920y4 mus musculus
38	251	16.7	4545	2	Q61291	Q61291 mus musculus
39	250.5	16.7	4599	1	LR1B_MOUSE	Q9j118 mus musculus
40	250	16.6	4071	2	Q6KDZ1	Q6kdz1 gallus gall
41	250	16.6	4543	1	LRP1_CHICK	P98157 gallus gall
42	249.5	16.6	4998	2	O8CG65	O8cg65 mus musculus
43	249	16.6	591	2	O6LBN5	O6lbn5 homo sapien
44	248	16.5	870	2	O02660	O02660 bos taurus
45	248	16.5	5146	2	Q8SPM4	Q8spm4 bos taurus
46	247.5	16.5	1950	1	LRP4_HUMAN	O75096 homo sapien
47	247	16.4	883	2	O46131	O46131 locusta mig
48	245.5	16.3	4753	1	LRP_CABEL	O48333 caenorhabdi
49	245	16.3	2214	1	SORL_HUMAN	O92673 h sortilin-
50	244	16.2	1984	1	YL_DROME	P98163 drosophila
51	243.5	16.2	1322	2	Q76B61	Q76b61 homo sapien
52	243.5	16.2	4569	2	Q7PS35	Q7ps35 anopheles g
53	242.5	16.1	1581	2	Q73809	Q73809 fugu rubrip
54	241	16.0	2215	1	SORL_MOUSE	O88307 m sortilin-
55	241	16.0	4547	2	Q9W343	Q9w343 drosophila
56	241	16.0	4655	2	LRP2_HUMAN	P98164 homo sapien
57	241	16.0	4655	2	Q7Z5C0	Q7z5c0 homo sapien
58	241	16.0	4655	2	Q7Z5C1	Q7z5c1 homo sapien
59	240	16.0	1031	2	Q9VBN0	Q9vbn0 drosophila
60	240	16.0	1037	2	O6NP66	O6np66 drosophila
61	237.5	15.8	820	2	Q96NT6	Q96nts homo sapien
62	237.5	15.8	1614	1	LRP5_MOUSE	Q91vn0 mus musculus
63	237.5	15.8	1731	1	Q8WY30	Q8wy30 homo sapien
64	237.5	15.8	2192	2	O01768	O01768 caenorhabdi
65	237	15.8	1782	2	O6X0I2	O6x0i2 solenopsis
66	236.5	15.7	202	2	Q9NPM0	Q9npm0 homo sapien
67	236	15.7	2213	1	SORL_RABIT	Q95209 o sortilin-
68	235.5	15.7	883	2	Q9VBN1	Q9vbn1 drosophila
69	234.5	15.6	996	2	O6NP71	O6np71 drosophila
70	234	15.6	909	2	Q7JP81	Q7jp81 caenorhabdi
71	234	15.6	911	2	Q7JP80	Q7jp80 caenorhabdi
72	234	15.6	1650	2	Q9QVT6	Q9qvt6 rattus sp.
73	233.5	15.5	1252	2	Q9Y0D0	Q9y0d0 hydra atten
74	233.5	15.5	4699	2	Q9V383	Q9v383 drosophila
75	233	15.5	1952	2	Q95SN5	Q95sn5 drosophila
76	232.5	15.5	739	2	O8IGR9	O8igr9 drosophila
77	232.5	15.5	1064	2	Q7YU01	Q7yu01 drosophila
78	232.5	15.5	1069	2	Q9VBN2	Q9vbn2 drosophila
79	232.5	15.5	4569	2	Q7PV66	Q7pv66 anopheles g
80	232	15.4	1935	2	Q6QHS3	Q6qhs3 lytechinus
81	231	15.4	1068	2	O6QHS4	Q6qhs4 strongyloce
82	229	15.2	1142	2	Q26615	Q26615 strongyloce
83	227	15.1	4391	1	PGBM_HUMAN	Q9uh51 homo sapien
84	226.5	15.1	837	2	Q9UH51	Q9uh51 homo sapien
85	226.5	15.1	860	1	LDLR_HUMAN	P01130 homo sapien
86	226	15.0	837	1	LDLR_RABIT	P20063 oryctolagus
87	225.5	15.0	1605	2	O8AYF1	O8ayf1 xenopus lae
88	225	15.0	749	2	Q7QK77	Q7qk77 anopheles g
89	224.5	14.9	1615	2	Q9UES7	Q9ues7 homo sapien
90	224.5	14.9	1905	1	LRP4_MOUSE	O8vi56 mus musculus
91	224	14.9	857	2	P79708	P79708 chilocyalli
92	224	14.9	3215	2	Q8IRV7	Q8irv7 drosophila
93	224	14.9	4117	2	Q8IRV9	Q8irv9 drosophila
94	224	14.9	4179	2	Q9W4Y4	Q9w4y4 drosophila
95	224	14.9	4228	2	O8IRV8	O8irv8 drosophila
96	223.5	14.9	909	1	LDL1_XENLA	Q9087 xenopus lae
97	223.5	14.9	925	2	O44191	O44191 caenorhabdi
98	223.5	14.9	1117	2	Q6E0K3	Q6e0k3 didelphis m
99	223.5	14.9	1592	1	SORL_CHICK	Q98930 g sortilin-
100	223.5	14.9	1615	1	LRP5_HUMAN	O75197 homo sapien
101	222.5	14.8	925	2	Q9UB94	Q9ub94 caenorhabdi
102	222.5	14.8	925	2	Q9UB95	Q9ub95 caenorhabdi
103	222.5	14.8	1905	1	LRP4_RAT	Q9qypl rattus norv
104	221.5	14.7	1905	2	Q76LU2	Q76lu2 rattus norv

105	220	14.6	853	2	O6S4M2	Q6s4m2 macaca mula
106	220	14.6	1111	2	Q80YN4	Q80yn4 rattus norv
107	220	14.6	1809	2	Q8MP02	Q8mp02 peripianeta
108	219	14.6	1768	2	Q7QEK9	Q7qek9 anopheles g
109	217.5	14.5	925	2	Q9U4E4	Q9u4e4 caenorhabdi
110	216.5	14.4	811	1	LDLR_PIG	Q28832 sus scrofa
111	216	14.4	1113	1	CORI_MOUSE	Q92319 mus musculus
112	216	14.4	3707	1	PGBM_MOUSE	Q95793 mus musculus
113	215.5	14.3	527	2	Q77501	Q77501 oryctolagus
114	215.5	14.3	862	2	Q8VCT0	Q8vct0 mus musculus
115	215.5	14.3	862	2	Q91ZJ1	Q91zj1 mus musculus
116	215.5	14.3	1613	2	Q8AYF0	Q8ayf0 xenopus lae
117	215	14.3	2009	2	Q9VXW0	Q9vxo0 drosophila
118	214.5	14.3	864	1	LDLR_MOUSE	P35951 mus musculus
119	214.5	14.3	1661	2	Q77244	Q77244 chlorohydra
120	214	14.2	854	1	LDLR_CRIGR	P35950 anopheles g
121	214	14.2	1613	1	LRP6_HUMAN	Q75581 homo sapien
122	214	14.2	1613	1	LRP6_MOUSE	O88572 mus musculus
123	212	14.1	1280	2	O6QH51	Q6qha1 lytechinus
124	211.5	14.1	892	1	LDL2_XENLA	Q93088 xenopus lae
125	208	13.8	911	2	Q7ZZT0	Q7zzt0 brachydanio
126	208	13.8	2133	2	Q7PQ99	Q7pq99 anopheles g
127	208	13.8	2616	1	NDL_DROME	P98159 drosophila
128	207.5	13.8	879	1	LDLR_RAT	P35952 rattus norv
129	206	13.7	738	2	Q7QK75	Q7qk75 anopheles g
130	205.5	13.7	826	2	Q86B77	Q86b77 drosophila
131	205.5	13.7	861	2	Q7Y7Z6	Q7y7z6 drosophila
132	205	13.6	1847	2	Q76952	Q76952 aedes aegypt
133	202.5	13.5	548	2	Q21629	Q21629 caenorhabdi
134	202.5	13.5	572	2	Q8BIK6	Q8bi6 mus musculus
135	201	13.4	1042	1	CORI_HUMAN	O9y5q5 homo sapien
136	200.5	13.3	352	2	Q86YD5	Q86yd5 homo sapien
137	200.5	13.3	1034	2	Q6QHS2	Q6qhs2 lytechinus
138	197.5	13.1	2447	2	Q9NPF9	Q9npe9 drosophila
139	197.5	13.1	4223	2	Q8MPN3	Q8mpn3 drosophila
140	194	12.9	713	1	LR10_HUMAN	Q7z4f1 homo sapien
141	193.5	12.9	855	2	Q9J7J7	Q9jj77 rattus norv
142	193.5	12.9	1264	2	Q26632	Q26632 strongyloce
143	193	12.8	352	2	Q8CC80	Q8cc80 m mus muscu
144	191.5	12.7	551	2	Q99677	Q99677 caenorhabdi
145	191	12.7	345	2	Q8NBJ0	Q8nbj0 homo sapien
146	190	12.6	331	2	Q8CDR7	Q8cdr7 m mus muscu
147	188.5	12.5	855	1	ST14_MOUSE	P56677 mus musculus
148	188	12.5	439	2	O6PJ72	O6pj72 homo sapien
149	187.5	12.5	572	2	Q7RTY8	Q7rty8 homo sapien
150	187.5	12.5	1430	2	Q7QJ48	Q7qj48 anopheles g
151	187	12.4	1859	2	Q7PSS28	Q7ps28 anopheles g
152	186.5	12.4	1678	2	Q9SV09	Q9sv09 drosophila
153	186.5	12.4	1678	2	Q9NHE9	Q9nhe9 drosophila
154	186.5	12.4	1678	2	Q9V600	Q9v600 drosophila
155	185.5	12.3	542	2	Q7PYJ9	Q7pyj9 anopheles g
156	184.5	12.3	770	1	LRP3_RAT	O88204 rattus norv
157	184	12.2	780	2	Q9VLZ6	Q9vlz6 drosophila
158	183.5	12.2	770	1	LRP3_HUMAN	Q75074 homo sapien
159	183	12.2	713	1	LR10_MOUSE	Q7tqh7 mus musculus
160	183	12.2	1616	2	Q7KUB3	Q7kub3 drosophila
161	183	12.2	1616	2	Q9VSJ0	Q9vsj0 drosophila
162	183	12.2	2389	2	Q6BE06	Q6be06 caenorhabdi
163	183	12.2	3375	1	UN52_CABEL	Q66561 caenorhabdi
164	182.5	12.1	581	2	Q9XZM7	Q9xzm7 strongyloce
165	182	12.1	1115	1	GPCR_LYMS	P46023 lymaea sta
166	181.5	12.1	2643	2	O01552	O01552 caenorhabdi
167	181	12.0	292	2	Q86SW0	Q86sw0 homo sapien
168	181	12.0	296	2	Q7Z7K9	Q7z7k9 homo sapien
169	178	11.8	403	2	Q7PRL9	Q7prl9 anopheles g
170	174.5	11.6	498	2	Q66NE4	Q66ne4 bombyx mori
171	174.5	11.6	758	2	Q66NE3	Q66ne3 bombyx mori
172	174	11.6	339	2	Q7PUA1	Q7pu1 anopheles g
173	173.5	11.5	422	2	Q8WVC1	Q8wvc1 homo sapien
174	173.5	11.5	666	2	Q6VPUB	Q6vpub drosophila
175	173.5	11.5	855	1	ST14_HUMAN	Q9y5y6 homo sapien
176	173	11.5	280	2	Q7Q630	Q7q630 anopheles g
177	172	11.4	663	2	Q6DEV0	Q6dev0 xenopus tro

178	172	11.4	845	2	O63ZQ6	O63zq6 xenopus lae
179	171	11.4	645	2	Q7PY92	Q7py92 anopheles g
180	169	11.2	666	2	Q69BL0	Q69bl0 manduca sex
181	168	11.2	92	2	Q708V5	Q708v5 bos taurus
182	168	11.2	905	2	O18260	O18260 caenorhabdi
183	166	11.0	802	2	O6UXD8	O6uxd8 homo sapien
184	166	11.0	811	1	TMS6_HUMAN	O8iu80 homo sapien
185	166	11.0	824	2	O6ICG2	O6icg2 homo sapien
186	166	11.0	867	1	SSPO_BOVIN	P98167 bos taurus
187	165.5	11.0	250	2	Q21496	Q21496 caenorhabdi
188	165.5	11.0	628	2	Q9VER6	Q9ver6 drosophila
189	164.5	10.9	845	2	Q9DGR1	Q9dgr1 xenopus lae
190	163.5	10.9	520	2	O6NPA8	O6npa8 drosophila
191	162.5	10.8	859	1	LR12_HUMAN	Q9y561 homo sapien
192	161.5	10.7	845	2	Q6GR54	Q6gr54 xenopus lae
193	160.5	10.7	198	2	Q22179	Q22179 caenorhabdi
194	160.5	10.7	435	1	TNR3_HUMAN	P36941 homo sapien
195	160.5	10.7	701	1	LR12_MACFA	Q9be74 macaca fasc
196	160.5	10.7	858	1	LR12_MOUSE	O8bu19 mus musculus
197	160	10.6	304	2	Q24110	Q24110 drosophila
198	160	10.6	1283	1	YL54_CABEL	P34434 caenorhabdi
199	158	10.5	208	2	Q7POE5	Q7pqes anopheles g
200	157.5	10.5	123	2	Q9W342	Q9w342 drosophila
201	156.5	10.4	394	2	O62147	O62147 caenorhabdi
202	153.5	10.2	380	2	O6NN57	O6nn57 drosophila
203	152.5	10.1	881	2	O8WY31	O8wy31 homo sapien
204	152	10.1	159	2	Q6JBY7	Q6jby7 gallus gall
205	150.5	10.0	417	2	Q9DFH4	Q9dfh4 xenopus lae
206	150.5	10.0	417	2	Q9W4Y3	Q9w4y3 drosophila
207	150.5	10.0	435	2	Q9NEF8	Q9nef8 drosophila
208	149.5	9.9	238	2	O6XA14	O6xa14 branchiosto
209	149.5	9.9	1801	2	O8WSJ2	O8wsj2 bombyx mori
210	148.5	9.9	799	2	O6PF94	O6pf94 mus musculus
211	148.5	9.9	811	1	TMS6_MOUSE	Q9bdb0 mus musculus
212	147	9.8	319	2	Q9V6U6	Q9v6u6 drosophila
213	145.5	9.7	122	2	Q6JBY8	Q6jby8 gallus gall
214	142.5	9.5	215	2	Q7PH69	Q7ph69 anopheles g
215	142.5	9.5	652	1	CD93_HUMAN	O9npv3 homo sapien
216	142	9.4	1698	2	Q7PV65	Q7pv65 anopheles g
217	141	9.4	517	2	Q17496	Q17496 caenorhabdi
218	140.5	9.3	277	1	TNR4_HUMAN	P43489 homo sapien
219	138.5	9.2	1145	2	Q7QHH8	Q7qhh8 anopheles g
220	138	9.2	846	2	Q7QF48	O7qf48 anopheles g
221	137.5	9.1	157	1	RSVR_COTJA	P98162 coturnix co
222	137.5	9.1	722	2	O6NUF5	O6nu5 xenopus lae
223	137.5	9.1	3767	1	MOA3_CABEL	P34576 caenorhabdi
224	136.5	9.1	652	2	Q8IXK1	O8ixk1 homo sapien
225	136.5	9.1	1245	2	Q9Y7V5	Q9y7v5 trichoderma
226	136	9.0	479	2	Q69HR9	O69hr9 ciona intes
227	136	9.0	868	2	Q9Y1V3	O9y1v3 polyandroca
228	135	9.0	600	2	Q7ZTR2	Q7ztr2 xenopus lae
229	132.5	8.8	210	2	Q8IR71	Q8ir71 drosophila
230	131.5	8.7	752	2	Q93473	Q93473 caenorhabdi
231	131	8.7	354	2	Q9XV21	O9xv21 caenorhabdi
232	130.5	8.7	195	2	Q9NDT4	O9ndt4 balanus amp
233	130.5	8.7	4006	2	O35452	O35452 mus musculus
234	130	8.6	577	1	TREM_MOUSE	P15306 mus musculus
235	130	8.6	584	2	Q73320	Q73320 oncorhynch
236	130	8.6	619	2	Q73921	Q73921 myxococcus
237	129	8.6	300	2	O84BD4	O84bd4 bos taurus
238	128.5	8.5	100	2	O864Z4	O864z4 bos taurus
239	128.5	8.5	4114	2	O54796	O54796 mus musculus
240	128	8.5	767	2	Q9DGR2	O9dgr2 xenopus lae
241	127	8.4	467	2	Q80010	Q80010 gallus gall
242	127	8.4	685	2	Q9TTS5	Q9tts5 bos taurus
243	127	8.4	966	2	Q22378	Q22378 caenorhabdi
244	126.5	8.4	463	2	Q39496	Q39496 cyllindrothe
245	126.5	8.4	4288	2	Q9NPK9	O9npk9 homo sapien
246	126.5	8.4	4289	1	TENX_HUMAN	P22105 homo sapien
247	125.5	8.3	165	2	Q684H5	Q684h5 drosophila
248	125.5	8.3	934	2	Q7ZYQ5	Q7zyq5 xenopus lae
249	125	8.3	134	2	Q95QH2	Q95qh2 caenorhabdi
250	125	8.3	675	1	YMW2_CABEL	P34504 caenorhabdi

251	125	8.3	737	2	Q81Y70	Q81yt0 homo sapien	324	114.5	7.6	1462	2	Q9UII3	Q9ul13 drosophila
252	125	8.3	737	2	Q8NFT8	Q8nft8 homo sapien	325	114.5	7.6	2003	1	NTC4 HUMAN	Q99466 homo sapien
253	125	8.3	967	2	Q6BEV9	Q6bev9 caenorhabdi	326	114.5	7.6	2212	2	Q7Q112	Q7q112 anopheles g
254	124	8.3	308	2	Q46370	Q46370 bos taurus	327	114.5	7.6	2382	2	Q9B119	Q9b119 drosophila
255	124	8.3	765	2	Q54183	Q54183 streptomyce	328	114.5	7.6	2409	2	Q960G6	Q960g6 drosophila
256	124	8.3	1656	2	Q21948	Q21948 caenorhabdi	329	114.5	7.6	2786	2	Q9VSU2	Q9vsu2 drosophila
257	123.5	8.2	2284	2	Q9VFC1	Q9vpg1 drosophila	330	114	7.6	712	2	Q9VG15	Q9vg15 drosophila
258	123.5	8.2	3133	1	HMCT BONMO	P98092 bombyx mori	331	114	7.6	1097	2	Q6UY16	Q6uy16 homo sapien
259	122.5	8.2	427	1	TR16 HUMAN	P08138 homo sapien	332	114	7.6	1427	2	Q76LX8	Q76lx8 homo sapien
260	122	8.1	286	2	Q16148	Q16148 schistosoma	333	113.5	7.6	536	2	Q6DG59	Q6dgs9 brachydanio
261	121.5	8.1	197	2	Q6PRN3	Q6prn3 mus musculus	334	113.5	7.6	546	2	Q66HD9	Q66hd9 rattus norv
262	121.5	8.1	1208	2	Q80YA8	Q80ya8 mus musculus	335	113.5	7.6	548	1	IDD_MOUSE	P98154 mus musculus
263	121.5	8.1	3523	2	Q7QCP4	Q7qcp4 anopheles g	336	113.5	7.6	673	2	Q86WK8	Q86wk8 homo sapien
264	121	8.1	383	1	EFL9 HUMAN	Q6uy11 homo sapien	337	113.5	7.6	934	2	Q6DEX1	Q6dex1 xenopus tro
265	121	8.1	1176	2	Q6ZW16	Q6zwi6 homo sapien	338	113.5	7.6	1035	1	ENTK BOVIN	P98072 bos taurus
266	121	8.1	2622	2	Q7PVS8	Q7psv8 anopheles g	339	113.5	7.6	2330	1	EFL4_MOUSE	P60892 mus musculus
267	120.5	8.0	947	2	Q8BKK7	Q8bkk7 mus musculus	340	113	7.5	174	2	Q8BUR5	Q8bur5 mus musculus
268	120.5	8.0	969	2	Q96KG6	Q96kg6 homo sapien	341	113	7.5	347	2	Q75JE6	Q75je6 dictyosteli
269	120.5	8.0	1140	2	Q8QF91	Q8qt91 mus musculus	342	113	7.5	466	2	Q6ZOH9	Q6zoh9 mus musculus
270	120.5	8.0	3396	2	Q9VM55	Q9vm55 drosophila	343	113	7.5	478	2	Q8C2R4	Q8c2r4 mus musculus
271	120	8.0	355	2	Q7S6V6	Q7s6v6 neurospora	344	113	7.5	525	1	NAB2 YEAST	P32505 saccharomyc
272	120	8.0	600	1	EFL5 HUMAN	Q9hlu4 homo sapien	345	113	7.5	549	2	Q6P5A9	Q6p5a9 mus musculus
273	120	8.0	1024	2	Q8MRZ8	Q8mrz8 drosophila	346	113	7.5	580	2	Q8CB23	Q8cb23 mus musculus
274	120	8.0	1056	2	Q9W3H0	Q9w3h0 drosophila	347	113	7.5	855	2	Q7Z410	Q7z410 homo sapien
275	120	8.0	1379	2	Q9V4N6	Q9v4n6 drosophila	348	113	7.5	1059	2	Q7Z411	Q7z411 homo sapien
276	120	8.0	1397	2	Q7KQO9	Q7kqg9 drosophila	349	113	7.5	1458	2	Q757N5	Q757n5 ashbya goss
277	120	8.0	1428	2	Q44341	Q44341 halictis ru	350	112.5	7.5	344	2	Q8BMK7	Q8bmk7 mus musculus
278	119.5	8.0	1307	2	Q9VPA1	Q9vpa1 drosophila	351	112.5	7.5	474	2	Q68EF1	Q68ef1 mus musculus
279	119	7.9	251	2	Q24774	Q24774 encytraeus	352	112.5	7.5	549	2	Q6GM11	Q6gm11 xenopus lae
280	119	7.9	251	2	Q70LQ4	Q70lq4 encytraeus	353	112.5	7.5	591	1	GRN_CAVPO	P28797 cavia porce
281	119	7.9	452	2	Q8SX15	Q8sxy5 drosophila	354	112.5	7.5	706	2	Q86HZ1	Q86hz1 dictyosteli
282	119	7.9	681	2	Q7Q554	Q7q554 anopheles g	355	112.5	7.5	737	2	Q8JZM4	Q8jzm4 mus musculus
283	119	7.9	777	2	Q9VKQ0	Q9vkq0 drosophila	356	112.5	7.5	737	2	Q8JZM4	Q8jzm4 mus musculus
284	118.5	7.9	384	2	Q8T9J3	Q8t9j3 drosophila	357	112.5	7.5	737	2	Q8VD97	Q8vd97 mus musculus
285	118.5	7.9	613	2	Q03711	Q03711 xenopus lae	358	112.5	7.5	955	2	Q96DN2	Q96dn2 homo sapien
286	118	7.9	270	2	Q75SV8	Q75sv8 fella silve	359	112.5	7.5	1070	2	Q7R2W4	Q7r2w4 giardia lam
287	118	7.9	529	2	Q757D2	Q757d2 homo sapien	360	112.5	7.5	1704	2	Q94446	Q94446 chironomus
288	118	7.9	617	2	Q8JIS1	Q8jib1 triakis scy	361	112.5	7.5	3170	2	Q7PN80	Q7pn80 anopheles g
289	118	7.9	1917	2	Q86BV0	Q86bv0 mamestra co	362	112	7.5	587	1	CO8B ONCMY	Q90x85 oncorhynch
290	118	7.9	1961	2	Q6MG89	Q6mg89 rattus norv	363	112	7.5	744	2	Q7Q7D9	Q7q7d9 anopheles g
291	118	7.9	2120	1	TECA_CHICK	Q9yhs5 gallus gall	364	112	7.5	1063	2	Q7QU10	Q7qu10 giardia lam
292	118	7.9	2653	2	Q25X53	Q25x53 lucilia cup	365	112	7.5	2468	2	Q800E4	Q800e4 brachydanio
293	117.5	7.8	461	2	P97883	P97883 rattus norv	366	111.5	7.4	23015	1	MCS_MOUSE	P15265 mus musculus
294	117.5	7.8	577	2	Q35370	Q35370 rattus norv	367	111.5	7.4	143	1	Q86H76	Q86h76 dictyosteli
295	117.5	7.8	4135	2	Q18977	Q18977 bos taurus	368	111.5	7.4	285	2	Q97866	Q97866 sus acrofa
296	117	7.8	360	2	Q86AK7	Q86ak7 dictyosteli	369	111.5	7.4	357	2	Q8WUL3	Q8wul3 homo sapien
297	117	7.8	515	2	Q6DRJ1	Q6drj1 brachydanio	370	111.5	7.4	567	2	Q8WUL3	Q8wul3 homo sapien
298	117	7.8	516	2	Q7T363	Q7t363 brachydanio	371	111.5	7.4	945	1	GRAM_TRYBB	Q03650 trypanosoma
299	117	7.8	721	2	Q95YGO	Q95ygo ciona savig	372	111.5	7.4	1140	2	Q96KG7	Q96kg7 homo sapien
300	116.5	7.8	277	2	Q9XZY1	Q9xzy1 leishmania	373	111.5	7.4	1140	2	Q68DE5	Q68de5 homo sapien
301	116.5	7.8	453	1	TMS3_MOUSE	Q8k1t0 mus musculus	374	111.5	7.4	1486	2	Q95RE5	Q95re5 drosophila
302	116.5	7.8	453	2	Q8ND91	Q8nd91 mus musculus	375	111.5	7.4	1486	2	Q967Y2	Q967y2 drosophila
303	116.5	7.8	626	2	Q8ND91	Q8nd91 homo sapien	376	111.5	7.4	1486	2	Q7KRP7	Q7krp7 drosophila
304	116.5	7.8	1084	2	Q9BE40	Q9bp40 halocynthia	377	111.5	7.4	1582	2	Q7KRP6	Q7krp6 drosophila
305	116.5	7.8	1293	2	Q6CAT2	Q6cat2 yarrowia li	378	111.5	7.4	2386	1	EFL4_MOUSE	Q7z7m0 homo sapien
306	116	7.7	1569	2	Q6W4X9	Q6w4x9 homo sapien	379	111	7.4	382	1	EFL9_MOUSE	Q8k1e3 mus musculus
307	116	7.7	2037	2	Q7QFS2	Q7qfs2 anopheles g	380	111	7.4	469	1	PROP_HUMAN	P27918 homo sapien
308	115.5	7.7	1214	2	Q90YD2	Q90yd2 xenopus lae	381	111	7.4	483	1	LR11_MOUSE	Q8cb67 mus musculus
309	115.5	7.7	1315	2	Q71JP2	Q71j12 mus musculus	382	111	7.4	507	2	Q61750	Q61750 rattus norv
310	115.5	7.7	3014	1	CLRI_HUMAN	Q9nyq6 homo sapien	383	111	7.4	814	2	Q6ZMJ8	Q6zjm8 homo sapien
311	115	7.7	564	2	Q7S2H4	Q7s2h4 neurospora	384	111	7.4	870	2	P87585	P87585 citrus tatt
312	115	7.7	586	1	CO9_FUGRU	P79755 fugu rubrip	385	111	7.4	1427	2	Q96L37	Q96l37 homo sapien
313	115	7.7	712	2	Q81GX5	Q81gx5 drosophila	386	111	7.4	1551	2	Q9NGV4	Q9ngv4 drosophila
314	115	7.7	2319	1	NTC3_RAT	Q9rl72 rattus norv	387	111	7.4	1719	1	PRD2_HUMAN	Q13029 homo sapien
315	114.5	7.6	356	1	TREB_BOVIN	P06579 bos taurus	388	110.5	7.4	200	2	Q6VQF0	Q6vqp0 crassostrea
316	114.5	7.6	383	2	Q70534	Q70534 rattus norv	389	110.5	7.4	517	2	Q7S9R3	Q7s9r3 neurospora
317	114.5	7.6	383	2	Q62779	Q62779 rattus norv	390	110.5	7.4	579	2	Q96DQ9	Q96dq9 homo sapien
318	114.5	7.6	384	2	Q9VPC4	Q9vpc4 drosophila	391	110.5	7.4	579	2	Q9BY79	Q9by79 homo sapien
319	114.5	7.6	764	2	Q97343	Q97343 suberites d	392	110.5	7.4	615	2	O57409	O57409 brachydanio
320	114.5	7.6	874	2	Q7ZXN7	Q7zxn7 xenopus lae	393	110.5	7.4	1161	2	Q7PSV2	Q7psv2 anopheles g
321	114.5	7.6	1374	2	Q9VSU0	Q9vsu0 drosophila	394	110.5	7.4	2414	2	Q6DFL6	Q6df16 xenopus lae
322	114.5	7.6	1449	2	Q9UI12	Q9ui12 drosophila	395	110.5	7.4	3550	2	Q66GT4	Q66gt4 rattus norv
323	114.5	7.6	1450	2	Q8IQB8	Q8iqb8 drosophila	396	110	7.3	218	2	Q7XEJ3	Q7xej3 cryza sativ

397	110	7.3	921	2	Q969A3	Q969a3 branchiost	470	106.5	7.1	2447	2	O13149	O13149 fugu rubrip
398	110	7.3	1246	1	NFCL3_HUMAN	Q75095 homo sapien	471	106.5	7.1	3198	2	Q9UG8	Q9UG8 manduca sex
399	110	7.3	1964	1	NFCL3_MOUSE	P31895 mus musculus	472	106	7.1	3307	2	Q7RZE8	Q7RZE8 neurospora
400	109.5	7.3	761	2	Q9BHY3	Q9bhy3 leishmania	473	106	7.1	339	2	Q68G55	Q68G55 mus musculus
401	109.5	7.3	903	2	O44397	O44397 trichuris t	474	106	7.1	389	2	Q97887	Q97887 bos taurus
402	109.5	7.3	984	2	O8NH12	Q8nh12 homo sapien	475	106	7.1	393	2	O44163	O44163 caenorhabdi
403	109.5	7.3	1959	1	AGRN_RAT	P25304 rattus norv	476	106	7.1	415	2	Q8CAF0	Q8caf0 mus muscu
404	109.5	7.3	2169	2	Q7R3M1	Q7r3m1 giardia lam	477	106	7.1	507	2	Q9D3K4	Q9d3k4 mus muscu
405	109	7.3	259	1	T10C_HUMAN	O14798 h tumor nec	478	106	7.1	507	2	Q99J04	Q99j04 mus muscu
406	109	7.3	259	2	Q6FH98	Q6fh98 homo sapien	479	106	7.1	684	2	Q8I498	Q8i498 cuplennius
407	109	7.3	299	2	Q6UXM5	Q6uxm5 homo sapien	480	106	7.1	833	2	Q6J288	Q6j288 acanthamoeb
408	109	7.3	299	2	Q8BX64	Q8bx64 mus muscu	481	106	7.1	862	1	NPP2_MOUSE	Q9rie6 m ectonucle
409	109	7.3	344	2	Q8WY52	Q8wy52 homo sapien	482	106	7.1	862	2	Q6PDE0	Q6pde0 mus muscu
410	109	7.3	385	2	Q75B32	Q75b32 aspergillus	483	106	7.1	950	2	Q8MQN5	Q8mqn5 drosophila
411	109	7.3	427	2	Q8CFT3	Q8cft3 mus muscu	484	106	7.1	998	2	Q859K4	Q859k4 dictyosteli
412	109	7.3	453	2	Q6ZMC3	Q6zmc3 homo sapien	485	106	7.1	1045	2	Q8T3A6	Q8t3a6 caenorhabdi
413	109	7.3	454	1	TMS3_HUMAN	P57727 homo sapien	486	106	7.1	1101	2	Q8T3A7	Q8t3a7 caenorhabdi
414	109	7.3	499	2	O8B714	Q8b714 mus muscu	487	106	7.1	1170	2	Q9XWD6	Q9xwd6 caenorhabdi
415	109	7.3	600	1	BFL5_MOUSE	Q8bh27 mus muscu	488	106	7.1	1391	2	Q6C6W0	Q6c6w0 yarrowia li
416	109	7.3	733	2	O86VG1	Q86vg1 homo sapien	489	106	7.1	1407	2	Q9VB65	Q9vb65 drosophila
417	109	7.3	736	2	Q6ZNB6	Q6znb6 homo sapien	490	106	7.1	1408	1	SERR_DROME	P18168 drosophila
418	109	7.3	814	2	Q6A018	Q6a018 mus muscu	491	106	7.1	3843	2	Q9VU94	Q9vu94 drosophila
419	109	7.3	923	1	K685_MOUSE	Q8r3q2 mus muscu	492	105.5	7.0	187	2	Q967B6	Q967e6 cooperia on
420	109	7.3	1674	2	Q8OZ18	Q8oz18 mus muscu	493	105.5	7.0	279	2	Q8RZK0	Q8rzk0 oryza sativ
421	109	7.3	2189	2	Q9BI05	Q9bi05 eimeria ten	494	105.5	7.0	338	2	Q7QGY2	Q7qgy2 anopheles g
422	109	7.3	2850	2	Q8OT03	Q8ot03 mus muscu	495	105.5	7.0	403	2	O14549	O14549 homo sapien
423	109	7.3	3775	2	Q7PMF9	Q7pmf9 anopheles g	496	105.5	7.0	421	2	O86JD6	O86jd6 dictyosteli
424	108.5	7.2	513	1	SPT1_HUMAN	Q43278 homo sapien	497	105.5	7.0	454	2	Q7R3V9	Q7r3v9 giardia lam
425	108.5	7.2	717	2	Q6PST6	Q6pst6 spodoptera	498	105.5	7.0	513	2	Q9OYA5	Q9oya5 anguilla ja
426	108.5	7.2	2524	1	NOTC_XENLA	P21783 xenopus lae	499	105.5	7.0	633	2	Q8I8W5	Q8i8w5 giardia lam
427	108	7.2	299	2	O8GUG1	Q8gug1 arabidopsis	500	105.5	7.0	651	2	Q9S8M6	Q9s8m6 gallus gall
428	108	7.2	316	2	O9LNT0	Q9lnt0 arabidopsis	501	105.5	7.0	850	2	Q6PGY9	Q6pgy9 brachydanio
429	108	7.2	438	2	Q39495	Q39495 cylindrothe	502	105.5	7.0	1106	1	STC_DROME	P40798 drosophila
430	108	7.2	578	2	Q8BPP4	Q8bpp4 mus muscu	503	105.5	7.0	1114	2	Q75WG2	Q75wg2 penaeus jap
431	108	7.2	946	2	O22015	O22015 cylindrothe	504	105.5	7.0	1245	2	Q9WTS5	Q9wts5 mus muscu
432	108	7.2	1328	1	AGRN_D1SOM	Q90404 discopyge o	505	105.5	7.0	2764	2	Q9WTS5	Q9wts5 mus muscu
433	108	7.2	1726	2	Q8OZ21	Q8oz21 mus muscu	506	105	7.0	343	1	GAS1_MOUSE	Q01721 mus muscu
434	108	7.2	3312	1	CLR3_HUMAN	Q9nyq7 homo sapien	507	105	7.0	354	1	NOV_MOUSE	Q64299 mus muscu
435	107.5	7.2	417	1	TR1C_MOUSE	Q9z0w1 mus muscu	508	105	7.0	373	2	Q9OYA4	Q9oya4 conger myri
436	107.5	7.2	417	2	Q8BYI1	Q8byi1 mus muscu	509	105	7.0	584	2	Q8K480	Q8k480 mus muscu
437	107.5	7.2	584	2	Q6DK87	Q6dk87 xenopus tro	510	105	7.0	587	2	Q8NBS4	Q8nbs4 homo sapien
438	107.5	7.2	784	1	YAV2_XANCV	P14728 xanthomonas	511	105	7.0	600	1	SP36_DICDI	P14328 dictyosteli
439	107.5	7.2	840	2	Q9VZF2	Q9vzf2 drosophila	512	105	7.0	1322	2	Q9NAT0	Q9nat0 anopheles g
440	107.5	7.2	1637	2	Q9XSV8	Q9xsv8 bos taurus	513	105	7.0	1405	2	O8VHS2	O8vhs2 mus muscu
441	107.5	7.2	1746	1	TENA_PTG	Q29116 sus scrofa	514	105	7.0	1827	2	O8JHV6	O8jhw6 brachydanio
442	107.5	7.2	1955	1	AGRN_CHICK	P31696 gallus gall	515	105	7.0	2331	1	NTC1_RAT	Q07008 rattus norv
443	107.5	7.2	2201	1	TENA_HUMAN	P24821 homo sapien	516	105	7.0	3695	1	LMA5_HUMAN	O15230 homo sapien
444	107.5	7.2	2703	1	NOTC_DROME	P07207 drosophila	517	105	7.0	3695	2	Q8TDF8	Q8tdf8 homo sapien
445	107.5	7.2	2911	1	FBN2_HUMAN	P35556 homo sapien	518	104.5	7.0	204	2	Q6VQP1	Q6vqp1 crassostrea
446	107.5	7.2	2972	2	P90891	P90891 caenorhabdi	519	104.5	7.0	377	2	O86NW2	O86nw2 drosophila
447	107	7.1	391	2	Q20531	Q20531 caenorhabdi	520	104.5	7.0	517	2	O8IRH9	O8irh9 drosophila
448	107	7.1	550	1	IDD_HUMAN	P98153 homo sapien	521	104.5	7.0	554	2	Q7PUG0	Q7pug0 anopheles g
449	107	7.1	550	2	O8IWC8	O8iwc8 homo sapien	522	104.5	7.0	589	1	SPY_DROME	O44783 drosophila
450	107	7.1	708	2	Q9LGM8	Q9lgm8 oryza sativ	523	104.5	7.0	589	2	Q6AWR4	Q6awr4 drosophila
451	107	7.1	875	1	NPP3_HUMAN	O14638 h ectonucle	524	104.5	7.0	604	1	CPAI_RAT	Q9wuw3 rattus norv
452	107	7.1	937	2	Q9VPJ2	Q9vpj2 citrus tact	525	104.5	7.0	655	1	HGFA_HUMAN	Q04756 homo sapien
453	107	7.1	1147	2	Q6DIB5	Q6dib5 mus muscu	526	104.5	7.0	731	2	Q8I4B9	Q8i4b9 caenorhabdi
454	107	7.1	1242	1	JAG1_BRARE	Q90Y57 brachydanio	527	104.5	7.0	796	2	Q9U1T5	Q9uit5 caenorhabdi
455	107	7.1	1340	2	Q711T8	Q711t8 homo sapien	528	104.5	7.0	862	2	Q66HQ0	Q66hq0 rattus norv
456	107	7.1	1371	2	Q710F6	Q710f6 homo sapien	529	104.5	7.0	1234	2	Q7PIQ7	Q7piq7 anopheles g
457	107	7.1	2018	2	Q7TP99	Q7tp99 rattus norv	530	104.5	7.0	1322	2	Q9PNR7	Q9pnr7 anopheles g
458	107	7.1	2105	2	Q9IB74	Q9ib74 apple stem	531	104.5	7.0	1322	2	Q9NJ55	Q9nj55 anopheles g
459	106.5	7.1	159	2	Q8NAW6	Q8naw6 homo sapien	532	104.5	7.0	1703	2	Q9NKK9	Q9nkq9 leishmania
460	106.5	7.1	321	2	Q6LAM1	Q6lam1 homo sapien	533	104.5	7.0	2124	1	PGCA_RAT	P07897 rattus norv
461	106.5	7.1	377	2	O8WW88	O8ww88 homo sapien	534	104.5	7.0	2327	2	Q9IBG7	Q9ibg7 xenopus lae
462	106.5	7.1	425	2	O02661	O02661 bos taurus	535	104.5	7.0	473	1	FP2_MVTGA	Q25464 mytilus gal
463	106.5	7.1	494	2	Q8VDV0	Q8vdv0 mus muscu	536	104	6.9	559	1	CO9_HUMAN	P02748 homo sapien
464	106.5	7.1	434	2	Q8BMS0	Q8bms0 mus muscu	537	104	6.9	559	2	EFL3_MOUSE	Q8ov70 mus muscu
465	106.5	7.1	583	1	CPAI_HUMAN	P05156 homo sapien	538	104	6.9	835	1	EFL3_MOUSE	Q692y6 mus muscu
466	106.5	7.1	875	1	NPP3_RAT	P97675 r ectonucle	539	104	6.9	934	2	Q69ZY6	Q69zy6 mus muscu
467	106.5	7.1	1115	2	Q7QB67	Q7qb67 anopheles g	540	104	6.9	2318	1	NTC3_MOUSE	Q8liu5 rattus norv
468	106.5	7.1	1358	2	Q8BYI9	Q8byi9 mus muscu	541	104	6.9	2360	2	Q7YZP0	Q61982 mus muscu
469	106.5	7.1	2045	1	AGRN_HUMAN	O00468 homo sapien	542	104	6.9				Q7yzp0 eimeria max

543	104	6.9	2731	2	Q9VJT5	Q9vj5 drosophila	616	102.5	6.8	1615	2	Q7QZU9	Q7qzu9 giardia lam
544	104	6.9	3367	2	Q9XCZ9	Q9xcz9 drosophila	617	102.5	6.8	2428	2	Q816X6	Q816x6 boophilus m
545	104	6.9	3375	2	Q8IP51	Q8ip51 drosophila	618	102	6.8	284	2	Q81TD1	Q81td1 dictyosteli
546	104	6.9	3579	1	STAN DROME	Q9v5n8 drosophila	619	102	6.8	400	1	LEUK HUMAN	P16150 homo sapien
547	104	6.9	13288	2	O18758	Q18758 sus scrofa	620	102	6.8	419	2	Q91TW8	Q91tw8 maize ravad
548	103.5	6.9	313	2	Q8K3U2	Q8k3u2 mus musculus	621	102	6.8	425	1	TR16 RAT	P07174 rattus norv
549	103.5	6.9	376	2	Q8SKZ9	Q8skz9 drosophila	622	102	6.8	600	2	Q86B01	Q86b01 dictyosteli
550	103.5	6.9	426	2	Q67U09	Q67u09 oryza sativ	623	102	6.8	643	1	CD93 RAT	Q9et61 rattus norv
551	103.5	6.9	580	2	Q8HZ48	Q8hz48 oryctolagus	624	102	6.8	662	1	MUC1 XENLA	Q05049 xenopus lae
552	103.5	6.9	615	2	Q7S117	Q7s117 neurospora	625	102	6.8	866	2	Q7S6E9	Q7s6e9 neurospora
553	103.5	6.9	622	2	Q7PZ19	Q7pzi9 anopheles g	626	102	6.8	1515	2	Q9DE37	Q9de37 brachydanio
554	103.5	6.9	646	2	Q8RZP4	Q8rzp4 oryza sativ	627	102	6.8	1706	2	Q63755	Q63755 rattus sp.
555	103.5	6.9	647	2	Q6P3V5	Q6p3v5 homo sapien	628	102	6.8	2448	2	Q8WWQ5	Q8wwq5 homo sapien
556	103.5	6.9	746	1	ABL MLVAB	P00521 abelson mur	629	102	6.8	2556	1	NTC1 HUMAN	P46531 homo sapien
557	103.5	6.9	747	2	Q8VHF4	Q8vhf4 mus musculus	630	102	6.8	2811	2	Q7Q434	Q7q434 anopheles g
558	103.5	6.9	832	2	Q8OYX0	Q8oyx0 mus musculus	631	101.5	6.8	700	2	Q8QGN9	Q8qgn9 brachydanio
559	103.5	6.9	923	2	Q7KX89	Q7kx89 drosophila	632	101.5	6.8	769	1	LEM3 SHEEP	P98109 ovis aries
560	103.5	6.9	981	2	Q92809	Q92809 abelson mur	633	101.5	6.8	772	2	Q6DI48	Q6di48 brachydanio
561	103.5	6.9	1004	2	Q8CGL7	Q8cgl7 mus musculus	634	101.5	6.8	802	2	O57462	O57462 brachydanio
562	103.5	6.9	1034	2	Q8VHL7	Q8vhl7 mus musculus	635	101.5	6.8	1247	1	JAG2 MOUSE	Q9qy65 mus musculus
563	103.5	6.9	1034	2	Q8VTK5	Q8vtk5 mus musculus	636	101.5	6.8	1595	1	LTBL HUMAN	Q14766 homo sapien
564	103.5	6.9	1072	2	Q9VI26	Q9vi26 drosophila	637	101.5	6.8	5703	1	MUSB HUMAN	Q9hca4 homo sapien
565	103.5	6.9	1091	2	Q7KX88	Q7kx88 drosophila	638	101	6.7	186	2	Q9YP87	Q9yp87 cowpox viru
566	103.5	6.9	1096	2	Q94174	Q94174 pneumocysti	639	101	6.7	261	2	Q8BRX4	Q8brx4 mus musculus
567	103.5	6.9	1123	1	ABL1 MOUSE	P00520 mus musculus	640	101	6.7	289	2	Q66S89	Q66s89 oikopleura
568	103.5	6.9	1142	2	Q6PCN5	Q6pcn5 mus musculus	641	101	6.7	476	2	Q7QZ50	Q7qz50 giardia lam
569	103.5	6.9	1410	2	Q20204	Q20204 caenorhabdi	642	101	6.7	482	2	Q6BSZ9	Q6bsz9 debaryomyce
570	103.5	6.9	1427	2	Q8VIB7	Q8vib7 mesocricetu	643	101	6.7	558	2	Q6MDK9	Q6mdk9 parachlamyd
571	103.5	6.9	1574	1	EFL3 RAT	Q88281 rattus norv	644	101	6.7	570	2	Q9VM32	Q9vm32 drosophila
572	103.5	6.9	2019	2	Q64706	Q64706 mus musculus	645	101	6.7	592	2	Q7QT99	Q7qt99 giardia lam
573	103.5	6.9	2019	2	Q8OYX2	Q8oyx2 mus musculus	646	101	6.7	749	2	Q86TP7	Q86tp7 homo sapien
574	103.5	6.9	2110	2	Q8OYX1	Q8oyx1 mus musculus	647	101	6.7	769	2	Q91X70	Q91x70 mus musculus
575	103.5	6.9	2437	1	NTC1 BRARE	P46530 brachydanio	648	101	6.7	769	2	Q9QXT7	Q9qxt7 mus musculus
576	103.5	6.9	2906	2	Q9WU99	Q9wuh9 rattus norv	649	101	6.7	890	2	Q7QJ41	Q7qj41 anopheles g
577	103	6.9	415	1	TNR3 MOUSE	P50284 mus musculus	650	101	6.7	984	2	Q9Y1P7	Q9y1p7 cryptospori
578	103	6.9	500	1	LR11 HUMAN	Q86vz4 homo sapien	651	101	6.7	1761	2	Q86XN2	Q86xn2 homo sapien
579	103	6.9	598	1	KE04 MOUSE	Q8rl51 mus musculus	652	101	6.7	2192	2	Q804R1	Q804r1 brachydanio
580	103	6.9	618	1	DL13 HUMAN	Q9ny77 homo sapien	653	101	6.7	2528	2	Q8AXP0	Q8axp0 cynops pyrr
581	103	6.9	635	2	Q17797	Q17797 caenorhabdi	654	101	6.7	2531	2	O16004	O16004 lytechinus
582	103	6.9	648	2	Q9NKD7	Q9nkd7 drosophila	655	101	6.7	2824	2	Q9W7R3	Q9w7r3 brachydanio
583	103	6.9	648	2	Q9VJU4	Q9vj4 drosophila	656	101	6.7	2907	1	PBN2 MOUSE	O61555 mus musculus
584	103	6.9	800	2	Q8TFG4	Q8tf94 schizosacch	657	100.5	6.7	213	2	Q6M559	Q6m559 neurospora
585	103	6.9	1032	2	Q75WG1	Q75wg1 penaeus jap	658	100.5	6.7	270	2	Q9V189	Q9v189 drosophila
586	103	6.9	1083	2	Q8TAS6	Q8tas6 homo sapien	659	100.5	6.7	281	1	IBP7 MOUSE	Q61581 mus musculus
587	103	6.9	1356	2	Q05546	Q05546 rattus norv	660	100.5	6.7	422	2	Q619X5	Q619x5 homo sapien
588	103	6.9	1666	2	Q7RX10	Q7rx10 neurospora	661	100.5	6.7	442	2	Q39494	Q39494 cyllindrothe
589	103	6.9	1786	1	LMB1 HUMAN	P07942 homo sapien	662	100.5	6.7	465	2	Q7PR44	Q7pr44 anopheles g
590	103	6.9	2516	2	Q7TQ52	Q7tq52 mus musculus	663	100.5	6.7	490	2	Q92DK3	Q92dk3 rattus norv
591	103	6.9	2526	2	Q7TQ51	Q7tq51 mus musculus	664	100.5	6.7	500	2	Q7PKC6	Q7pkc6 anopheles g
592	103	6.9	2531	2	Q8K428	Q8k428 mus musculus	665	100.5	6.7	529	2	Q96PD9	Q96pd9 homo sapien
593	103	6.9	2531	2	Q7TQ50	Q7tq50 mus musculus	666	100.5	6.7	545	2	Q7PKC7	Q7pkc7 anopheles g
594	103	6.9	3843	2	Q9U5D0	Q9u5d0 drosophila	667	100.5	6.7	548	2	Q7S8B8	Q7s8b8 neurospora
595	103	6.9	3873	2	Q84X82	Q84x82 chlamydomon	668	100.5	6.7	584	1	CO8A HUMAN	P07357 homo sapien
596	102.5	6.8	287	2	Q6IN11	Q6in11 rattus norv	669	100.5	6.7	601	2	Q7M4J3	Q7m4j3 dictyosteli
597	102.5	6.8	347	1	CTGF RAT	Q9rl69 rattus norv	670	100.5	6.7	610	2	Q943G8	Q943g8 oryza sativ
598	102.5	6.8	399	2	Q7KPx3	Q7kpx3 trichuris t	671	100.5	6.7	611	2	O81YX0	Q81yx0 homo sapien
599	102.5	6.8	461	1	KRM2 MOUSE	Q8kl67 mus musculus	672	100.5	6.7	640	1	UROM HUMAN	P07911 homo sapien
600	102.5	6.8	494	2	Q959F5	Q959f5 homo sapien	673	100.5	6.7	669	2	Q8N4X0	Q8n4x0 homo sapien
601	102.5	6.8	667	2	Q95WU1	Q95wul giardia lam	674	100.5	6.7	1046	1	PSTA D1CDI	P11776 dictyosteli
602	102.5	6.8	668	2	Q07237	Q07237 pneumocysti	675	100.5	6.7	1062	2	Q60789	Q60789 mus musculus
603	102.5	6.8	701	2	Q8CDB8	Q8cdb8 mus musculus	676	100.5	6.7	1350	2	Q7T3T6	Q7t3t6 brachydanio
604	102.5	6.8	720	2	Q7QY54	Q7qy54 giardia lam	677	100.5	6.7	1358	2	Q15568	Q15568 homo sapien
605	102.5	6.8	732	2	Q7SGQ8	Q7sgq8 neurospora	678	100.5	6.7	1358	2	Q92752	Q92752 homo sapien
606	102.5	6.8	761	2	Q6ST50	Q6st50 mus musculus	679	100.5	6.7	2321	1	NTC3 HUMAN	Q9um47 homo sapien
607	102.5	6.8	935	2	Q6IR82	Q6ir82 xenopus lae	680	100.5	6.7	2470	1	NTC3 MOUSE	Q35516 mus musculus
608	102.5	6.8	952	2	Q6ZTA9	Q6zta9 homo sapien	681	100	6.7	70	2	Q6P220	Q6p220 mus musculus
609	102.5	6.8	1062	2	Q6ZTA9	Q6zta9 homo sapien	682	100	6.7	107	2	Q9NGI9	Q9ngi9 crassostrea
610	102.5	6.8	1074	1	SM5A HUMAN	Q13591 homo sapien	683	100	6.7	204	2	Q6YY00	Q6yy00 oryza sativ
611	102.5	6.8	1101	2	Q7KU08	Q7ku08 drosophila	684	100	6.7	258	2	Q8S256	Q8s256 oryza sativ
612	102.5	6.8	1212	2	Q42347	Q42347 gallus gall	685	100	6.7	305	2	Q943F2	Q943f2 oryza sativ
613	102.5	6.8	1218	1	JAG1 HUMAN	P78504 homo sapien	686	100	6.7	305	2	Q8JIP6	Q8jip6 tribolodon
614	102.5	6.8	1218	1	JAG1 MOUSE	Q9qxx0 mus musculus	687	100	6.7	359	2	Q7PF57	Q7pf57 anopheles g
615	102.5	6.8	1219	1	JAG1 RAT	Q63722 rattus norv	688	100	6.7	411	2	Q7PZR1	Q7pzz1 anopheles g

689	100	6.7	464	2	Q9NAX4	Q9nax4 dictyosteli	762	98	6.5	1317	2	Q6IQ50	Q6iq50 homo sapien
690	100	6.7	475	2	Q27087	Q27087 trichuris t	763	98	6.5	1329	2	Q6CEK4	Q6cek4 varrowia li
691	100	6.7	715	2	Q94494	Q94494 dictyosteli	764	98	6.5	1332	2	Q45599	Q45599 caenorhabdi
692	100	6.7	736	2	Q7QTA2	Q7qta2 giardia lam	765	98	6.5	1426	2	Q769J6	Q769j6 mus musculu
693	100	6.7	771	2	Q6TYZ0	Q6tyz0 mus musculu	766	98	6.5	2471	1	NTC2_HUMAN	Q04721 homo sapien
694	100	6.7	1282	2	Q8TER0	Q8ter0 homo sapien	767	97.5	6.5	241	1	WFD8_HUMAN	Q81ua0 homo sapien
695	100	6.7	2535	2	Q755B8	Q755b8 ashbya goss	768	97.5	6.5	252	2	Q86EJ2	Q86ej2 schistosoma
696	99.5	6.6	304	2	Q71DP4	Q71df4 drosophila	769	97.5	6.5	274	2	Q9M7I5	Q9m7i5 zea mays (m
697	99.5	6.6	351	1	NOV_RAT	Q9qzq5 rattus norv	770	97.5	6.5	290	2	Q9DAU5	Q9daus mus musculu
698	99.5	6.6	480	2	Q96B59	Q96b59 homo sapien	771	97.5	6.5	349	1	CTGF_BOVIN	Q91739 bos taurus
699	99.5	6.6	529	2	Q6UX71	Q6ux71 homo sapien	772	97.5	6.5	420	2	P91776	P91776 pacifastacu
700	99.5	6.6	537	2	Q9ULI6	Q9ul16 caenorhabdi	773	97.5	6.5	510	2	Q6SCJ8	Q6scj8 aspergillus
701	99.5	6.6	644	1	CD93_MOUSE	Q8u1t6 caenorhabdi	774	97.5	6.5	549	2	Q9VM30	Q9vm30 drosophila
702	99.5	6.6	841	2	Q7QT97	Q7qt97 giardia lam	775	97.5	6.5	569	2	Q8NHD4	Q8nhd4 homo sapien
703	99.5	6.6	1019	1	ENTK_HUMAN	Q98073 homo sapien	776	97.5	6.5	577	2	Q9VJI8	Q9vji8 drosophila
704	99.5	6.6	1071	2	Q6AHT2	Q6aht2 pneumocysti	777	97.5	6.5	594	2	Q24970	Q24970 giardia lam
705	99.5	6.6	1474	2	Q62504	Q62504 caenorhabdi	778	97.5	6.5	676	2	Q9VQS0	Q9vqs0 drosophila
706	99.5	6.6	1599	2	Q09983	Q09983 caenorhabdi	779	97.5	6.5	714	1	DLI1_RAT	P97677 rattus norv
707	99.5	6.6	1821	1	LTB2_HUMAN	Q14767 homo sapien	780	97.5	6.5	786	2	Q21027	Q21027 caenorhabdi
708	99.5	6.6	1821	2	Q6A294	Q6a294 homo sapien	781	97.5	6.5	827	2	Q702I4	Q702i4 bos taurus
709	99.5	6.6	2112	2	Q9VEL9	Q9vel9 drosophila	782	97.5	6.5	830	1	SREC_HUMAN	Q14162 homo sapien
710	99.5	6.6	2641	2	Q9BXD4	Q9bx44 homo sapien	783	97.5	6.5	967	2	Q08294	Q08294 saccharomyc
711	99.5	6.6	2825	2	Q70465	Q70465 mus musculu	784	97.5	6.5	1001	2	Q05164	Q05164 saccharomyc
712	99.5	6.6	2847	2	O15018	O15018 homo sapien	785	97.5	6.5	1130	1	ABL1_HUMAN	P00519 homo sapien
713	99	6.6	135	2	Q6DLX5	Q6dlx5 tenebrio mo	786	97.5	6.5	1175	2	Q9VRL7	Q9vrl7 drosophila
714	99	6.6	200	2	Q7Q2L9	Q7q2l9 giardia lam	787	97.5	6.5	1666	1	LTB4_MOUSE	Q8k4g1 mus musculu
715	99	6.6	222	2	Q98988	Q98988 salvelinus	788	97.5	6.5	2352	2	Q61240	Q61240 halocynthia
716	99	6.6	263	2	Q99740	Q99740 homo sapien	789	97.5	6.5	2754	2	Q7PRV4	Q7prv4 anopheles g
717	99	6.6	267	2	O02764	O02764 oryctolagus	790	97.5	6.5	2872	2	Q9WDH8	Q9wdh8 rattus norv
718	99	6.6	322	2	Q6DC45	Q6dc45 brachydanio	791	97	6.5	313	2	Q24330	Q24330 dictyosteli
719	99	6.6	337	2	O18464	O18464 herdmania m	792	97	6.5	337	2	Q8NHD3	Q8nhd3 homo sapien
720	99	6.6	349	2	Q97765	Q97765 sus scrofa	793	97	6.5	342	2	Q8NHD5	Q8nhd5 homo sapien
721	99	6.6	370	1	K107_HUMAN	P60409 homo sapien	794	97	6.5	347	2	Q9PT80	Q9pt80 notophthalm
722	99	6.6	432	2	Q9NPM2	Q9nmp2 homo sapien	795	97	6.5	585	2	Q900E2	Q900e2 tribolium c
723	99	6.6	518	2	Q7SYC0	Q7syco0 brachydanio	796	97	6.5	593	2	Q7RS76	Q7rs76 giardia lam
724	99	6.6	605	1	WSC4_YEAST	P38739 saccharomyc	797	97	6.5	593	2	Q7R5A7	Q7r5a7 giardia lam
725	99	6.6	647	2	Q7Q5W4	Q7q5w4 anopheles g	798	97	6.5	616	2	Q20852	Q20852 caenorhabdi
726	99	6.6	765	2	Q86P34	Q86p34 drosophila	799	97	6.5	616	2	Q7QX72	Q7qx72 giardia lam
727	99	6.6	765	2	Q9VPB0	Q9vpb0 drosophila	800	97	6.5	704	1	FBL1_CHICK	Q73775 gallus gall
728	99	6.6	893	2	Q8MJK0	Q8mjko0 cercopithe	801	97	6.5	719	2	Q73RV2	Q73rv2 mycobacteri
729	99	6.6	896	2	Q9UFZ4	Q9ufz4 homo sapien	802	97	6.5	744	2	Q8NHD2	Q8nhd2 homo sapien
730	99	6.6	1156	2	Q86BJ1	Q86bj1 drosophila	803	97	6.5	783	2	P92163	P92163 strongyloce
731	99	6.6	1260	2	Q6NR14	Q6nr14 drosophila	804	97	6.5	798	1	ITB7_HUMAN	P26010 homo sapien
732	99	6.6	1260	2	Q9VVV7	Q9vvv7 drosophila	805	97	6.5	833	1	SRC2_MOUSE	P59222 mus musculu
733	99	6.6	1268	1	LTB3_MOUSE	Q61810 mus musculu	806	97	6.5	850	2	O14425	O14425 homo sapien
734	99	6.6	1501	2	Q75J99	Q75j99 dictyosteli	807	97	6.5	866	1	SRC2_HUMAN	Q969p6 homo sapien
735	99	6.6	1664	2	Q9TVQ2	Q9tvq2 caenorhabdi	808	97	6.5	1089	2	Q8T3A0	Q8t3a0 ciona intes
736	99	6.6	2225	2	O45881	O45881 caenorhabdi	809	97	6.5	1137	2	Q6UXC1	Q6uxc1 homo sapien
737	99	6.6	2471	1	NTC2_RAT	Q9qw30 rattus norv	810	97	6.5	1353	2	Q00546	Q00546 gallus gall
738	98.5	6.6	195	2	Q91VZ7	Q91vz7 mus musculu	811	97	6.5	1376	2	Q7S5H8	Q7s5h8 neurospora
739	98.5	6.6	272	1	TNR4_MOUSE	P47741 mus musculu	812	97	6.5	1581	1	LMG3_MOUSE	Q9r0b6 mus musculu
740	98.5	6.6	432	2	Q9BKP1	Q9bkp1 caenorhabdi	813	97	6.5	1664	2	Q7KR59	Q7kra9 drosophila
741	98.5	6.6	475	2	Q6KAQ6	Q6kaq6 mus musculu	814	97	6.5	1674	2	Q9V9V5	Q9v9v5 drosophila
742	98.5	6.6	525	2	Q8IQU1	Q8iqu1 drosophila	815	97	6.5	1686	2	Q6P7J9	Q6p7j9 homo sapien
743	98.5	6.6	599	2	Q6GQ31	Q6gq31 xenopus lae	816	97	6.5	2585	2	Q23587	Q23587 caenorhabdi
744	98.5	6.6	623	2	Q7SZG1	Q7szg1 fugu rubrip	817	97	6.5	2843	2	Q9Y6R7	Q9y6r7 homo sapien
745	98.5	6.6	705	1	FBL1_MOUSE	Q08879 mus musculu	818	97	6.5	2971	1	FBN1_MOUSE	Q61554 mus musculu
746	98.5	6.6	752	2	O42374	O42374 brachydanio	819	97	6.5	3106	1	LM2_MOUSE	Q60875 mus musculu
747	98.5	6.6	957	1	MGE1_MACFA	Q9be18 macaca fasc	820	96.5	6.4	153	1	NEUV_FUGRU	Q42499 fugu rubrip
748	98.5	6.6	1167	2	Q6KAT1	Q6kat1 mus musculu	821	96.5	6.4	259	2	Q9GZE3	Q9gze3 caenorhabdi
749	98.5	6.6	1625	2	Q6MVD4	Q6mvd4 neurospora	822	96.5	6.4	294	2	Q9GYJ3	Q9gyj3 caenorhabdi
750	98.5	6.6	1918	2	Q86AS3	Q86as3 dictyosteli	823	96.5	6.4	344	2	Q9CVK2	Q9cvk2 mus musculu
751	98.5	6.6	2135	1	PXB1_HUMAN	O43157 homo sapien	824	96.5	6.4	500	2	Q6ZNL1	Q6znl1 homo sapien
752	98.5	6.6	2704	1	G168_FAKPR	P17053 paramectium	825	96.5	6.4	537	1	SP70_DICDI	P15269 dictyosteli
753	98.5	6.6	3183	2	Q01335	Q01335 caenorhabdi	826	96.5	6.4	557	2	Q42992	Q42992 giardia lam
754	98.5	6.6	3193	2	O01335	O01335 caenorhabdi	827	96.5	6.4	608	2	Q80V54	Q80v54 mus musculu
755	98.5	6.6	7524	1	Q6PZB0	Q6pzb0 mus musculu	828	96.5	6.4	625	2	Q8IGX9	Q8igx9 drosophila
756	98	6.5	322	1	PSA_BRARE	Q9yhv4 brachydanio	829	96.5	6.4	625	2	Q8NSQ3	Q8nsq3 drosophila
757	98	6.5	349	1	CTGF_PIG	O19113 sus scrofa	830	96.5	6.4	642	2	Q62285	Q62285 mus musculu
758	98	6.5	368	2	O57408	O57408 meleagris g	831	96.5	6.4	660	2	Q7QY47	Q7qy47 giardia lam
759	98	6.5	441	2	Q9WSX1	Q9wsx1 drosophila	832	96.5	6.4	675	2	Q9Y110	Q9y110 drosophila
760	98	6.5	919	2	Q28659	Q28659 oryctolagus	833	96.5	6.4	701	2	Q86BL2	Q86bl2 drosophila
761	98	6.5	1191	1	LMG2_MOUSE	Q61092 mus musculu	834	96.5	6.4	708	2	Q7YSJ4	Q7ysj4 dictyosteli

835	96.5	6.4	708	2	P87363	P87363 gallus gall	908	95	6.3	198	2	Q7Q2J1	Q7q2j1 anopheles g
836	96.5	6.4	747	2	Q6UW12	Q6uwl2 homo sapien	909	95	6.3	215	2	Q6ZRM9	Q6zrm9 giardia lam
837	96.5	6.4	762	2	Q42373	Q42373 brachydanio	910	95	6.3	259	2	Q9GQ40	Q9gq40 giardia lam
838	96.5	6.4	804	2	Q60410	Q60410 cavia porce	911	95	6.3	300	1	TR6B_HUMAN	O95407 homo sapien
839	96.5	6.4	808	2	Q7XWP6	Q7xwp6 oryza sativ	912	95	6.3	452	2	Q9KV45	O9ky45 streptomyce
840	96.5	6.4	835	1	CD97_HUMAN	P48960 homo sapien	913	95	6.3	467	2	O40941	O40941 human herpe
841	96.5	6.4	843	1	CO7_HUMAN	P10643 homo sapien	914	95	6.3	467	2	P88948	P88948 human herpe
842	96.5	6.4	843	2	Q6P375	Q6p375 homo sapien	915	95	6.3	513	2	Q6AZH1	Q6azh1 xenopus lae
843	96.5	6.4	915	2	O02364	O02364 caenorhabdi	916	95	6.3	558	2	Q9PVW6	Q9pvw6 paralicthy
844	96.5	6.4	927	2	Q7JKS6	Q7jks6 caenorhabdi	917	95	6.3	633	2	Q8I8W0	Q8i8w0 giardia lam
845	96.5	6.4	1050	2	Q71G60	Q71g60 red sea bre	918	95	6.3	638	2	Q7QOC4	Q7qqc4 giardia lam
846	96.5	6.4	1104	1	NFX1_HUMAN	Q12986 homo sapien	919	95	6.3	705	2	Q8I8W1	Q8i8w1 giardia lam
847	96.5	6.4	1123	2	Q8C1X4	Q8c1x4 mus musculu	920	95	6.3	744	2	Q7R5E3	Q7r5e3 giardia lam
848	96.5	6.4	1202	1	JAG2_RAT	P97607 rattus norv	921	95	6.3	809	2	Q8CA82	Q8cab2 mus musculu
849	96.5	6.4	1265	2	O59920	O59920 pneumocyeti	922	95	6.3	838	2	Q9VQA9	Q9vqa9 drosophila
850	96.5	6.4	1679	1	FUR2_DROME	P30432 drosophila	923	95	6.3	864	1	AD15_MOUSE	O88839 mus musculu
851	96.5	6.4	2721	1	Q76973	Q76973 paramacium	924	95	6.3	874	2	O6DVE8	O6dye8 mus musculu
852	96.5	6.4	3034	1	CLR1_MOUSE	Q35161 mus musculu	925	95	6.3	980	1	TSP4_RAT	P49744 rattus norv
853	96	6.4	198	2	Q6QJ43	Q6qja3 chrysoporti	926	95	6.3	1373	2	O75372	Q75372 homo sapien
854	96	6.4	237	2	Q9HB86	Q9hba6 homo sapien	927	95	6.3	1693	1	SAS_DROME	Q04164 drosophila
855	96	6.4	329	2	Q9DEY0	Q9dey0 cyprinus ca	928	95	6.3	1698	2	Q94438	Q94438 chironomus
856	96	6.4	348	1	CTGF_MOUSE	P29268 mus musculu	929	95	6.3	1786	1	LMB1_MOUSE	P02469 mus musculu
857	96	6.4	383	1	DLK_HUMAN	P80370 homo sapien	930	95	6.3	1799	1	LMB2_MOUSE	O61292 mus musculu
858	96	6.4	383	2	Q969Y6	Q969y6 homo sapien	931	95	6.3	1799	2	Q8R0Y0	Q8royo mus musculu
859	96	6.4	393	2	HXAA_HUMAN	P31260 homo sapien	932	95	6.3	2571	1	SBNI_MOUSE	Q8r4y4 mus musculu
860	96	6.4	424	2	Q8N643	Q8n643 homo sapien	933	95	6.3	2590	2	Q9W7R4	Q9w7r4 brachydanio
861	96	6.4	476	1	HRA4_HUMAN	P83105 homo sapien	934	95	6.3	2765	2	Q9RLK2	Q9rlk2 rattus norv
862	96	6.4	491	2	Q8TEK2	Q8tek2 homo sapien	935	94.5	6.3	190	2	Q9C2R4	O9c2r4 neurospora
863	96	6.4	498	2	Q80261	Q80261 vibrio chol	936	94.5	6.3	211	2	O6TPK5	O6tpk5 gallus gall
864	96	6.4	507	1	SPT1_MOUSE	Q9r097 mus musculu	937	94.5	6.3	221	1	WFD3_HUMAN	Q8iub2 homo sapien
865	96	6.4	542	2	Q7Q0Z8	Q7q0z8 anopheles g	938	94.5	6.3	257	2	Q8BJD6	Q8bjd6 mus musculu
866	96	6.4	580	2	Q8CHK1	Q8chk1 mus musculu	939	94.5	6.3	357	1	NOV_HUMAN	P48745 homo sapien
867	96	6.4	587	2	Q8K182	Q8k182 mus musculu	940	94.5	6.3	385	2	Q925U3	Q925u3 mus musculu
868	96	6.4	587	2	Q8CHJ9	Q8chj9 mus musculu	941	94.5	6.3	393	2	Q8BHP1	Q8bhp1 mus musculu
869	96	6.4	602	2	Q6IPM6	Q6ipm6 homo sapien	942	94.5	6.3	494	2	Q96HR8	O96hr8 homo sapien
870	96	6.4	603	1	CPAI_MOUSE	Q8i129 mus musculu	943	94.5	6.3	535	2	Q9UK23	Q9uk23 homo sapien
871	96	6.4	728	2	Q707N0	Q707n0 xenopus lae	944	94.5	6.3	529	2	Q8N2D6	Q8n2d6 homo sapien
872	96	6.4	778	2	Q8ING6	Q8ing6 drosophila	945	94.5	6.3	548	2	Q96NZ8	Q96nz8 homo sapien
873	96	6.4	971	2	Q6A036	Q6a036 mus musculu	946	94.5	6.3	560	2	Q9U013	Q9u013 giardia lam
874	96	6.4	1015	2	Q708A1	Q7q8a1 anopheles g	947	94.5	6.3	569	2	Q7QXT3	Q7qxt3 giardia lam
875	96	6.4	1200	1	P121_MOUSE	Q8k329 mus musculu	948	94.5	6.3	574	2	Q7R5J3	O7r5j3 giardia lam
876	96	6.4	1899	2	Q9ND77	Q9ndy7 leishmania	949	94.5	6.3	632	2	Q6C5E6	Q6c5e6 yarrowia li
877	96	6.4	2524	2	Q9GPA5	Q9gpa5 brachioisto	950	94.5	6.3	818	2	Q9N1P0	Q9n1p0 bos taurus
878	96	6.4	2771	2	Q9WTS7	Q9wts7 mus musculu	951	94.5	6.3	843	1	CO7_PIG	Q9tuc3 sus scrofa
879	96	6.4	4262	2	Q685J2	Q685j2 homo sapien	952	94.5	6.3	863	1	NPP2_HUMAN	Q13822 h ectonucle
880	96	6.4	4493	2	Q685J3	Q685j3 homo sapien	953	94.5	6.3	929	2	O8MLI6	O8ml16 drosophila
881	96	6.4	8625	2	Q86GD6	Q86gd6 procamburus	954	94.5	6.3	1805	2	Q7QVW0	Q7qvwo giardia lam
882	95.5	6.4	188	1	DHML_PARVE	P22641 paracoccu	955	94.5	6.3	2531	1	NTC1_MOUSE	Q1705 mus musculu
883	95.5	6.4	322	2	Q6R256	Q6r256 carassius a	956	94	6.3	168	2	Q7Q639	Q7q639 anopheles g
884	95.5	6.4	332	2	Q84R80	Q84r80 oryza sativ	957	94	6.3	220	2	Q9M4H4	Q9m4h4 vitis vinif
885	95.5	6.4	389	2	Q8BGR4	Q8bgr4 m mus muscu	958	94	6.3	245	2	Q9V512	Q9v512 drosophila
886	95.5	6.4	515	2	Q7Q018	Q7qq18 giardia lam	959	94	6.3	254	2	Q6ZT90	Q6zt90 homo sapien
887	95.5	6.4	542	1	YQ16_CABEL	Q98279 caenorhabdi	960	94	6.3	256	1	TNR9_MOUSE	P20334 mus musculu
888	95.5	6.4	573	1	CL14_MOUSE	P19467 mus musculu	961	94	6.3	345	1	GAS1_HUMAN	P54846 homo sapien
889	95.5	6.4	588	1	CO8B_PAROL	Q9pvw7 paralicthy	962	94	6.3	345	2	Q6B086	Q6b086 homo sapien
890	95.5	6.4	802	2	Q7JL02	Q7j102 caenorhabdi	963	94	6.3	346	2	O95274	Q95274 homo sapien
891	95.5	6.4	821	2	O19060	O19060 saquinus oe	964	94	6.3	480	2	Q9QZK5	Q9qzk5 rattus norv
892	95.5	6.4	856	2	Q8QUT7	Q8qut7 infectious	965	94	6.3	487	2	Q8MSX5	O8msx5 drosophila
893	95.5	6.4	909	1	CT1A_FUSSO	P52958 fusarium so	966	94	6.3	559	2	Q9VZ44	Q9vz44 drosophila
894	95.5	6.4	949	2	P90956	P90956 caenorhabdi	967	94	6.3	579	2	Q7Q8K9	Q7qqk9 giardia lam
895	95.5	6.4	1213	1	JAG3_BRARE	Q90y54 brachydanio	968	94	6.3	645	2	O97448	Q97448 giardia lam
896	95.5	6.4	1238	1	JAG2_HUMAN	Q9y219 homo sapien	969	94	6.3	673	2	Q8IOP4	Q8iop4 giardia lam
897	95.5	6.4	1511	2	Q75412	Q75412 homo sapien	970	94	6.3	693	2	Q8IGV21	Q8igv21 oryza sativ
898	95.5	6.4	1587	2	O00508	O00508 homo sapien	971	94	6.3	723	1	DL11_HUMAN	Q00548 homo sapien
899	95.5	6.4	1696	1	PCK5_BRACL	Q9nj15 brachioisto	972	94	6.3	827	2	Q6L608	Q6l608 gallus gall
900	95.5	6.4	1844	2	Q22579	Q22579 caenorhabdi	973	94	6.3	884	2	Q7QT01	Q7qt01 giardia lam
901	95.5	6.4	2224	2	O44131	O44131 caenorhabdi	974	94	6.3	896	2	Q17429	Q17429 caenorhabdi
902	95.5	6.4	2333	1	PGCA_CANFA	Q28343 canis fami	975	94	6.3	960	2	Q8MM07	Q8mm07 caenorhabdi
903	95.5	6.4	2871	1	PBN1_BOVIN	P98133 bos taurus	976	94	6.3	1019	2	Q8T9S1	O8t9s1 tachypneus
904	95.5	6.4	3857	2	O88840	O88840 mus musculu	977	94	6.3	1083	2	Q12075	Q12075 pneumocyeti
905	95.5	6.4	4782	2	Q8K166	Q8k166 mus musculu	978	94	6.3	1109	2	Q95V21	Q95v21 giardia lam
906	95	6.3	94	2	Q91099	Q91099 gallus gall	979	94	6.3	1114	2	Q7RTL3	Q7rtl3 giardia lam
907	95	6.3	120	2	Q9DAE3	Q9dae3 mus musculu	980	94	6.3	1187	2	Q49549	Q49549 mycoplaema

981	94	6.3	1199	1	P121_RAT	P52591 rattus norv	1054	93	6.2	667	2	Q9R1D9	Q9rid9 mus musculu
982	94	6.3	1203	2	O86KZ0	O86kz0 dictyosteli	1055	93	6.2	737	2	Q9WVF3	Q9wvf3 mus musculu
983	94	6.3	1204	2	Q7QSG7	Q7qsg7 anopheles g	1056	93	6.2	759	2	Q6DW61	Q6dw61 gallus gall
984	94	6.3	1254	2	Q7R2Y9	Q7r2y9 giardia lam	1057	93	6.2	760	2	Q6DW64	Q6dw64 gallus gall
985	94	6.3	1700	1	BAR3_CHITE	O03376 chironomus	1058	93	6.2	763	2	Q6DW62	Q6dw62 gallus gall
986	94	6.3	2146	2	Q9VC97	O9vc97 drosophila	1059	93	6.2	767	2	Q6NZP0	Q6nzp0 mus musculu
987	94	6.3	2301	2	Q95ZD0	Q95zd0 leishmania	1060	93	6.2	770	2	Q6P1I6	Q6p1i6 mus musculu
988	94	6.3	3374	2	Q99ND0	O99nd0 mus musculu	1061	93	6.2	771	2	Q8BHR9	Q8bhr9 mus musculu
989	94	6.3	5376	1	ZAN_MOUSE	O88799 mus musculu	1062	93	6.2	778	2	Q91BG4	Q91bg4 xenopus lae
990	93.5	6.2	121	2	Q9NCR1	O9ncr1 dendroides	1063	93	6.2	783	2	Q9V5Z7	Q9v5z7 drosophila
991	93.5	6.2	145	1	MCS_RAT	O64298 rattus norv	1064	93	6.2	783	2	Q90XG2	Q90xg2 gallus gall
992	93.5	6.2	145	2	Q6VQP2	O6vqp2 crassostrea	1065	93	6.2	796	2	Q8MRG9	O8mr9 drosophila
993	93.5	6.2	149	2	Q6VQP3	O6vqp3 crassostrea	1066	93	6.2	796	2	Q9VTR4	Q9vtr4 drosophila
994	93.5	6.2	245	1	K10C_HUMAN	P60413 homo sapien	1067	93	6.2	806	2	Q9WVF4	Q9wvf4 mus musculu
995	93.5	6.2	261	2	Q7PRJ2	Q7prj2 anopheles g	1068	93	6.2	812	2	Q6T683	Q6t683 gallus gall
996	93.5	6.2	320	2	Q8N780	O8n780 homo sapien	1069	93	6.2	815	2	Q96J52	Q96j52 homo sapien
997	93.5	6.2	320	2	Q52085	O52085 polysphondy	1070	93	6.2	816	1	NEI2_HUMAN	Q99435 homo sapien
998	93.5	6.2	321	2	Q66648	O66648 equid herpe	1071	93	6.2	937	2	Q9BLJ1	Q9blj1 ciona intes
999	93.5	6.2	349	1	CTGF_HUMAN	P29279 homo sapien	1072	93	6.2	950	2	Q90Z44	Q90z44 gallus gall
1000	93.5	6.2	357	2	Q619S3	O619s3 homo sapien	1073	93	6.2	961	2	Q92223	Q92223 emericella
1001	93.5	6.2	385	1	DLK_MOUSE	Q09163 mus musculu	1074	93	6.2	1007	2	Q90ZN3	Q90zn3 gallus gall
1002	93.5	6.2	443	2	Q9H7L8	Q9h7l8 homo sapien	1075	93	6.2	1070	2	Q96JG5	Q96jg5 homo sapien
1003	93.5	6.2	470	1	SP63_STRPU	Q07929 strongyloce	1076	93	6.2	1193	2	Q90819	Q90819 gallus gall
1004	93.5	6.2	557	1	CO9_RABIT	P48747 coryctolagus	1077	93	6.2	1231	2	Q8TUI1	Q8tiu1 homo sapien
1005	93.5	6.2	589	1	DLI3_RAT	O88671 rattus norv	1078	93	6.2	1271	1	YC81_CAEEL	Q19981 caenorhabdi
1006	93.5	6.2	600	2	O8N369	O8n369 homo sapien	1079	93	6.2	1329	2	Q9WMB0	Q9wmb0 caenorhabdi
1007	93.5	6.2	652	1	HWPI_CANAL	P46593 candida alb	1080	93	6.2	1360	2	Q9TYK4	Q9tyk4 caenorhabdi
1008	93.5	6.2	652	2	Q656X4	O656x4 oryza sativ	1081	93	6.2	1370	2	Q6C3B8	Q6c3b8 yarrowia li
1009	93.5	6.2	682	2	Q6ZMN9	O6zmn9 homo sapien	1082	93	6.2	1388	2	Q8WQ36	O8wq36 leishmania
1010	93.5	6.2	685	2	Q7QWD9	Q7qwd9 giardia lam	1083	93	6.2	1391	2	Q19021	Q19021 caenorhabdi
1011	93.5	6.2	725	2	Q9CV93	O9cv93 mus musculu	1084	93	6.2	1641	2	Q68SA9	Q68sa9 mus musculu
1012	93.5	6.2	726	2	Q6DDV7	O6ddv7 xenopus lae	1085	93	6.2	2146	2	Q9JLC1	Q9jlc1 mus musculu
1013	93.5	6.2	726	2	Q707M9	Q707m9 xenopus lae	1086	93	6.2	2419	2	Q7PXZ1	Q7pxz1 anopheles g
1014	93.5	6.2	730	2	Q86HT1	O86ht1 dictyosteli	1087	93	6.2	2480	1	RPL1_HUMAN	Q81wn7 homo sapien
1015	93.5	6.2	764	2	Q6DW63	O6dw63 gallus gall	1088	93	6.2	2570	1	SBN1_HUMAN	Q9ny15 homo sapien
1016	93.5	6.2	816	1	AD15_RAT	O9gyv0 r adam 15 p	1089	93	6.2	2658	2	Q9GRL9	Q9grl9 leishmania
1017	93.5	6.2	816	2	Q68DL9	O68dl9 homo sapien	1090	93	6.2	2871	1	FBN1_PIG	Q9tv36 sus scrofa
1018	93.5	6.2	864	2	Q6P779	O6p779 rattus norv	1091	93	6.2	2910	2	O55225	O55225 mus musculu
1019	93.5	6.2	907	1	A180_HUMAN	O60641 homo sapien	1092	93	6.2	3084	1	LMAL_MOUSE	P19137 mus musculu
1020	93.5	6.2	971	2	Q6ZWI1	O6zwi1 homo sapien	1093	92.5	6.2	148	2	Q9NCQ8	Q9ncq8 dendroides
1021	93.5	6.2	999	2	Q9NQ36	O9nq36 homo sapien	1094	92.5	6.2	316	2	Q9GPP4	Q9gpp4 tetrachyena
1022	93.5	6.2	1376	1	CRBH_HUMAN	P82279 homo sapien	1095	92.5	6.2	344	2	O89037	O89037 rattus norv
1023	93.5	6.2	1406	2	Q8WW70	O8wwy0 homo sapien	1096	92.5	6.2	363	2	Q91YK8	Q91yk8 mus musculu
1024	93.5	6.2	1587	1	LMG3_HUMAN	O9y6n6 homo sapien	1097	92.5	6.2	401	1	K104_HUMAN	P60372 homo sapien
1025	93.5	6.2	1815	2	Q6CR66	O6cf66 yarrowia li	1098	92.5	6.2	417	2	O01760	O01760 pneumocysti
1026	93.5	6.2	1928	2	Q8T9H1	O8t9h1 drosophila	1099	92.5	6.2	474	2	Q73906	Q73906 gallus gall
1027	93.5	6.2	2531	2	Q8MPZ2	O8mpz2 caenorhabdi	1100	92.5	6.2	548	2	Q9VJDI	Q9vjdi drosophila
1028	93.5	6.2	2560	2	Q21980	Q21980 caenorhabdi	1101	92.5	6.2	554	2	Q7PZ18	Q7pz18 anopheles g
1029	93.5	6.2	2871	1	FBN1_HUMAN	P35555 homo sapien	1102	92.5	6.2	555	1	DP87_DICDI	Q04503 dictyosteli
1030	93.5	6.2	2871	2	Q75N87	Q75n87 homo sapien	1103	92.5	6.2	556	2	Q9NGZ3	Q9ngz3 giardia lam
1031	93	6.2	245	2	Q81G64	O81g94 drosophila	1104	92.5	6.2	577	2	Q6RKD5	O6rkd5 fundulus he
1032	93	6.2	271	1	TNR4_RAT	P15725 rattus norv	1105	92.5	6.2	589	1	NTG2_MOUSE	O8rf1 mus musculu
1033	93	6.2	308	2	Q7R414	Q7r414 giardia lam	1106	92.5	6.2	647	2	Q8S148	Q8s148 oryza sativ
1034	93	6.2	346	2	Q9UJ74	Q9uj74 homo sapien	1107	92.5	6.2	706	2	O8S5J1	O8s5j1 oryza sativ
1035	93	6.2	365	1	K106_HUMAN	P60371 homo sapien	1108	92.5	6.2	713	2	Q9QW16	Q9qw16 rattus sp.
1036	93	6.2	377	2	O8STF9	O8stf9 dictyosteli	1109	92.5	6.2	723	2	Q9WME2	Q9wme2 dictyosteli
1037	93	6.2	388	2	Q8SAW1	O8saw1 oryza sativ	1110	92.5	6.2	752	2	Q8WNE2	O8wne2 dictyosteli
1038	93	6.2	443	1	FBL4_HUMAN	O95967 homo sapien	1111	92.5	6.2	754	1	LGR8_HUMAN	O8wxd0 homo sapien
1039	93	6.2	443	2	Q96TF5	O96tf5 homo sapien	1112	92.5	6.2	779	2	Q9V5D4	Q9v5d4 drosophila
1040	93	6.2	443	2	Q6FH22	O6fh22 homo sapien	1113	92.5	6.2	787	2	Q8R2H2	O8r2h2 rattus norv
1041	93	6.2	453	2	Q7ZWN4	Q7zwn4 xenopus lae	1114	92.5	6.2	818	2	Q6C9L0	O6c9l0 yarrowia li
1042	93	6.2	471	2	Q9VMG7	O9vmg7 drosophila	1115	92.5	6.2	837	2	Q7QFG1	Q7qfg1 anopheles g
1043	93	6.2	480	2	Q91WS3	Q91ws3 mus musculu	1116	92.5	6.2	863	2	Q8S473	Q8s473 zea mays (m
1044	93	6.2	480	2	Q9QZK6	Q9qzk6 mus musculu	1117	92.5	6.2	885	1	NPP2_RAT	O64610 r ectonucle
1045	93	6.2	481	2	Q9VMK3	O9vmk3 drosophila	1118	92.5	6.2	898	2	Q8MQG2	O8mqg2 caenorhabdi
1046	93	6.2	505	2	Q7SK14	O7sk14 neurospora	1119	92.5	6.2	961	2	Q86TG2	O86tg2 homo sapien
1047	93	6.2	553	2	Q6MWP3	O6mwp3 neurospora	1120	92.5	6.2	989	2	Q8CGY7	O8cgy7 mus musculu
1048	93	6.2	574	1	CO9_ONCMY	P06682 oncorhynch	1121	92.5	6.2	1035	2	Q9NEG1	Q9neg1 drosophila
1049	93	6.2	582	2	Q7R630	Q7r630 giardia lam	1122	92.5	6.2	1041	2	Q7OKK2	O7okk2 anopheles g
1050	93	6.2	638	2	Q8MT74	Q8mt74 drosophila	1123	92.5	6.2	1074	2	Q964D1	Q964d1 entamoeba h
1051	93	6.2	638	2	Q7PM27	Q7pm27 anopheles g	1124	92.5	6.2	1165	2	Q9BU47	Q9bu47 leishmania
1052	93	6.2	639	2	Q8N4Q7	O8n4q7 homo sapien	1125	92.5	6.2	1174	2	Q9VXZ6	Q9vxz6 drosophila
1053	93	6.2	640	2	O09182	O09182 rattus norv	1126	92.5	6.2	1476	2	Q90285	Q90285 carassius a

1127	92.5	6.2	1568	2	Q7PVM3	Q7PVM3 anopheles g	1200	91.5	6.1	1154	2	Q9GQ46	Q9GQ46 giardia lam
1128	92.5	6.2	1798	1	LMB2 HUMAN	P55268 homo sapien	1201	91.5	6.1	1188	2	Q9SY59	Q9SY59 arabidopsis
1129	92.5	6.2	2043	2	Q96943	Q96943 geodia cydo	1202	91.5	6.1	1190	2	Q8HZ19	Q8HZ19 equus cabal
1130	92.5	6.2	2353	1	CCAH HUMAN	Q95180 homo sapien	1203	91.5	6.1	1193	1	LMG2 HUMAN	LMG2 HUMAN
1131	92.5	6.2	2931	1	Q9W2E6	Q9W2E6 drosophila	1204	91.5	6.1	1501	2	Q7KUK9	Q7KUK9 drosophila
1132	92.5	6.2	2968	2	Q8MLJ9	Q8MLJ9 drosophila	1205	91.5	6.1	1722	2	Q19350	Q19350 caenorhabdi
1133	92.5	6.2	3110	1	LMW2 HUMAN	P24043 homo sapien	1206	91.5	6.1	2132	1	PGCA MOUSE	PGCA MOUSE
1134	92.5	6.2	3718	1	LMA5 MOUSE	Q61001 mus musculus	1207	91.5	6.1	2144	2	Q9ULJ2	Q9ULJ2 homo sapien
1135	92	6.1	228	2	Q6L527	Q6L527 oryza sativ	1208	91.5	6.1	2280	2	Q9V8E6	Q9V8E6 drosophila
1136	92	6.1	266	2	Q9R1K1	Q9R1K1 rattus norv	1209	91.5	6.1	2302	2	Q9N693	Q9N693 drosophila
1137	92	6.1	282	1	IBP7 HUMAN	P16270 homo sapien	1210	91.5	6.1	2310	2	Q9GRA9	Q9GRA9 drosophila
1138	92	6.1	326	1	VT2 MYXVL	P29825 myxoma viru	1211	91.5	6.1	3102	2	Q45614	Q45614 caenorhabdi
1139	92	6.1	337	2	Q9R1K0	Q9R1K0 rattus norv	1212	91	6.1	78	2	Q9SVT5	Q9SVT5 homarus ame
1140	92	6.1	389	2	Q94HS3	Q94HS3 oryza sativ	1213	91	6.1	79	2	Q9BIE9	Q9BIE9 aedes aegyp
1141	92	6.1	389	2	Q7XGV0	Q7XGV0 oryza sativ	1214	91	6.1	149	2	Q6VQP4	Q6VQP4 crassostrea
1142	92	6.1	397	2	Q95V71	Q95V71 tetrahymena	1215	91	6.1	212	2	Q7PYA0	Q7PYA0 anopheles g
1143	92	6.1	451	2	Q86GK4	Q86GK4 ancylostoma	1216	91	6.1	249	2	Q8VR19	Q8VR19 myxococcus
1144	92	6.1	480	1	HRA1 MOUSE	Q9R118 mus musculus	1217	91	6.1	255	1	K102 HUMAN	K102 HUMAN
1145	92	6.1	554	1	C09 RAT	Q82930 rattus norv	1218	91	6.1	279	2	Q14888	Q14888 homo sapien
1146	92	6.1	562	2	Q5ZMG3	Q5ZMG3 homo sapien	1219	91	6.1	283	2	Q7SFQ1	Q7SFQ1 neurospora
1147	92	6.1	592	2	Q8WMJ7	Q8WMJ7 homo sapien	1220	91	6.1	295	2	Q9BKP2	Q9BKP2 caenorhabdi
1148	92	6.1	598	2	Q6P6N1	Q6P6N1 mus musculus	1221	91	6.1	325	1	NPDI HUMAN	NPDI HUMAN
1149	92	6.1	668	1	CD6 HUMAN	P30203 homo sapien	1222	91	6.1	325	2	Q8NCE1	Q8NCE1 homo sapien
1150	92	6.1	668	2	Q8WJ5	Q8WJ5 homo sapien	1223	91	6.1	325	2	Q8WXX4	Q8WXX4 homo sapien
1151	92	6.1	668	2	Q8AZ88	Q8AZ88 homo sapien	1224	91	6.1	327	2	Q86J05	Q86J05 dictyosteli
1152	92	6.1	709	2	Q68EY0	Q68EY0 xenopus lae	1225	91	6.1	419	2	Q7YXD9	Q7YXD9 caenorhabdi
1153	92	6.1	709	2	Q9XTU7	Q9XTU7 giardia lam	1226	91	6.1	443	1	FBL4 CRIGR	FBL4 CRIGR
1154	92	6.1	762	1	P115 CHICK	Q98917 gallus gall	1227	91	6.1	460	2	Q20155	Q20155 caenorhabdi
1155	92	6.1	784	2	Q8BM43	Q8BM43 m mus muscu	1228	91	6.1	471	2	Q7Y4V5	Q7Y4V5 bacterioph
1156	92	6.1	819	2	Q80UM5	Q80UM5 mus musculus	1229	91	6.1	483	2	Q6MZX9	Q6MZX9 homo sapien
1157	92	6.1	825	2	Q873Y0	Q873Y0 aspergillus	1230	91	6.1	548	2	Q9GQ45	Q9GQ45 giardia lam
1158	92	6.1	858	2	Q8BM06	Q8BM06 mus musculus	1231	91	6.1	566	2	Q7XUL6	Q7XUL6 oryza sativ
1159	92	6.1	868	1	MUSK MOUSE	Q61006 mus musculus	1232	91	6.1	585	1	CO8A RABIT	CO8A RABIT
1160	92	6.1	958	2	Q7PU80	Q7PU80 anopheles g	1233	91	6.1	610	1	MUC4 HUMAN	MUC4 HUMAN
1161	92	6.1	997	2	Q7UVJ2	Q7UVJ2 rhodopirell	1234	91	6.1	679	2	Q8PGT7	Q8PGT7 xanthomonas
1162	92	6.1	1184	2	Q6GV58	Q6GV58 homo sapien	1235	91	6.1	703	2	Q8CC97	Q8CC97 mus musculus
1163	92	6.1	1201	2	Q9WLJ0	Q9WLJ0 drosophila	1236	91	6.1	709	2	Q69ZT4	Q69ZT4 mus musculus
1164	92	6.1	1361	2	Q6PD18	Q6PD18 mus musculus	1237	91	6.1	820	2	Q9FFK8	Q9FFK8 arabidopsis
1165	92	6.1	1428	1	ATRN MOUSE	Q9WU60 mus musculus	1238	91	6.1	835	2	Q6DFV6	Q6DFV6 mus musculus
1166	92	6.1	1531	1	SLT1 MOUSE	Q80TR4 mus musculus	1239	91	6.1	862	1	MCDL RAT	MCDL RAT
1167	92	6.1	1842	1	LTB2 BOVIN	Q28019 bos taurus	1240	91	6.1	886	2	Q22016	Q22016 cylindrothe
1168	92	6.1	2112	2	Q8WFO0	Q8WFO0 oikopleura	1241	91	6.1	942	2	Q7QYW9	Q7QYW9 giardia lam
1169	92	6.1	2144	1	CLR2 RAT	Q9GYP2 rattus norv	1242	91	6.1	955	1	TSPA XENLA	TSPA XENLA
1170	92	6.1	2655	2	Q9C8A3	Q9C8A3 arabidopsis	1243	91	6.1	991	2	Q75WG0	Q75WG0 penaeus jap
1171	92	6.1	2725	2	Q9UKZ4	Q9UKZ4 homo sapien	1244	91	6.1	1011	2	Q756R4	Q756R4 ashbya goss
1172	91.5	6.1	123	1	WPD2 PIG	Q8MI69 sus scrofa	1245	91	6.1	1028	2	Q9JLL0	Q9JLL0 mus musculus
1173	91.5	6.1	155	1	NEU4 CATCO	P16229 catostomus	1246	91	6.1	1030	2	Q7SCH0	Q7SCH0 neurospora
1174	91.5	6.1	205	2	Q8CJA0	Q8CJA0 mus musculus	1247	91	6.1	1039	2	Q8X014	Q8X014 neurospora
1175	91.5	6.1	275	2	Q80WM9	Q80WM9 mus musculus	1248	91	6.1	1069	1	ENTK MOUSE	ENTK MOUSE
1176	91.5	6.1	276	2	Q71F55	Q71F55 mus musculus	1249	91	6.1	1184	1	FBL2 HUMAN	FBL2 HUMAN
1177	91.5	6.1	325	2	Q94HS1	Q94HS1 oryza sativ	1250	91	6.1	1231	2	Q8IUU0	Q8IUU0 homo sapien
1178	91.5	6.1	325	2	Q7XGU7	Q7XGU7 oryza sativ	1251	91	6.1	1275	2	Q99PW0	Q99PW0 rattus norv
1179	91.5	6.1	349	2	Q6FHL8	Q6FHL8 homo sapien	1252	91	6.1	1302	1	LTB3 HUMAN	LTB3 HUMAN
1180	91.5	6.1	533	2	Q9FUJ0	Q9FUJ0 arabidopsis	1253	91	6.1	1432	2	Q99J86	Q99J86 rattus norv
1181	91.5	6.1	547	1	C09 HORSE	P48770 equus cabal	1254	91	6.1	1918	1	KE04 HUMAN	KE04 HUMAN
1182	91.5	6.1	596	2	Q07317	Q07317 giardia lam	1255	91	6.1	2715	1	G156 PARPR	G156 PARPR
1183	91.5	6.1	642	2	Q91X17	Q91X17 mus musculus	1256	91	6.1	2813	1	VWF HUMAN	VWF HUMAN
1184	91.5	6.1	664	2	Q8WS87	Q8WS87 hyalomma an	1257	91	6.1	2923	1	CLR2 HUMAN	CLR2 HUMAN
1185	91.5	6.1	702	2	Q7Q858	Q7Q858 anopheles g	1258	90.5	6.0	145	2	Q8WQ22	Q8WQ22 locusta mig
1186	91.5	6.1	725	2	Q8WSM3	Q8WSM3 oryza sativ	1259	90.5	6.0	154	2	Q7R3E7	Q7R3E7 giardia lam
1187	91.5	6.1	725	2	Q7XHH7	Q7XHH7 oryza sativ	1260	90.5	6.0	169	1	LSHB EQUUBU	LSHB EQUUBU
1188	91.5	6.1	784	2	Q95JH1	Q95JH1 sus scrofa	1261	90.5	6.0	176	2	Q9XV22	Q9XV22 equus burch
1189	91.5	6.1	784	2	Q9TUN5	Q9TUN5 sus scrofa	1262	90.5	6.0	283	2	Q7PNW4	Q7PNW4 anopheles g
1190	91.5	6.1	788	2	O18510	O18510 trichoplusi	1263	90.5	6.0	296	2	Q7OHJ8	Q7OHJ8 anopheles g
1191	91.5	6.1	797	2	Q8R465	Q8R465 mus musculus	1264	90.5	6.0	323	2	O50262	O50262 agrobacteri
1192	91.5	6.1	805	2	Q9PTY3	Q9PTY3 paralicthy	1265	90.5	6.0	331	2	Q6AY81	Q6AY81 rattus norv
1193	91.5	6.1	807	2	O18511	O18511 trichoplusi	1266	90.5	6.0	344	1	FSA HORSE	FSA HORSE
1194	91.5	6.1	881	2	Q9W0A0	Q9W0A0 drosophila	1267	90.5	6.0	393	2	Q7S2C7	Q7S2C7 neurospora
1195	91.5	6.1	983	2	Q6W8X1	Q6W8X1 mus musculus	1268	90.5	6.0	412	2	Q9P603	Q9P603 equus cabal
1196	91.5	6.1	1024	2	Q9BX11	Q9BX11 homo sapien	1269	90.5	6.0	461	2	Q8T4N2	Q8T4N2 rhhipicephal
1197	91.5	6.1	1064	1	FBP1 STRPU	P10079 strongyloce	1270	90.5	6.0	480	1	ED13 HUMAN	ED13 HUMAN
1198	91.5	6.1	1120	2	Q96EL5	Q96EL5 homo sapien	1271	90.5	6.0	480	2	Q8T215	Q8T215 dictyosteli
1199	91.5	6.1	1131	2	Q75DJ5	Q75DJ5 ashbya goss	1272	90.5	6.0	489	2	Q8AYE5	Q8AYE5 gallus gall

1273	90.5	6.0	504	2	Q7QWR4	Q7QWR4 giardia lam	1346	90	6.0	1335	2	Q7R1M3	Q7R1M3 giardia lam
1274	90.5	6.0	531	2	Q9VW31	Q9VW31 drosophila	1347	90	6.0	1459	2	O17084	O17084 caenorhabdi
1275	90.5	6.0	553	1	FXC1_MOUSE	Q61572 mus musculus	1348	90	6.0	1792	2	O57484	O57484 gallus gall
1276	90.5	6.0	553	1	Q9QWR9	Q9QWR9 mus musculus	1349	90	6.0	1801	1	LMB2_RAT	FI5800 rattus norv
1277	90.5	6.0	601	2	Q656X3	Q656X3 oryza sativ	1350	90	6.0	1851	2	Q6ESK3	Q9ESP3 rattus norv
1278	90.5	6.0	726	2	Q8AW87	Q8AW87 cynops pyrr	1351	90	6.0	1870	2	Q6GKZ7	Q6GKZ7 drosophila
1279	90.5	6.0	750	2	Q9HFZ4	Q9HFZ4 candida alb	1352	90	6.0	2177	2	Q94710	Q94710 paramecium
1280	90.5	6.0	764	2	Q7QZ49	Q7QZ49 giardia lam	1353	90	6.0	2729	2	Q6PQK6	Q6PQK6 paramecium
1281	90.5	6.0	772	2	Q92070	Q92070 gallus gall	1354	90	6.0	2802	2	Q9DERS	Q9DERS gallus gall
1282	90.5	6.0	824	2	Q66S04	Q66S04 oikopleura	1355	90	6.0	2812	1	ZAN_HUMAN	Q9Y493 homo sapien
1283	90.5	6.0	842	2	Q7Q311	Q7Q311 anopheles g	1356	90	6.0	3543	2	Q7PPU8	Q7PPU8 anopheles g
1284	90.5	6.0	894	2	Q818V7	Q818V7 giardia lam	1357	90	6.0	4007	1	FRS1_HUMAN	Q86XX4 homo sapien
1285	90.5	6.0	908	2	Q6NSK7	Q6NSK7 homo sapien	1358	89.5	6.0	123	2	Q9NCO9	Q9NCO9 dendroides
1286	90.5	6.0	912	2	Q76NT5	Q76NT5 dictyosteli	1359	89.5	6.0	219	2	Q7Z7L6	Q7Z7L6 homo sapien
1287	90.5	6.0	1019	1	LFC_TACTR	F28175 tachypleus	1360	89.5	6.0	228	2	Q7SGY8	Q7SGY8 oryza sativ
1288	90.5	6.0	1134	1	FN3_HUMAN	Q9Y2H6 homo sapien	1361	89.5	6.0	237	2	Q81VT0	Q81VT0 homo sapien
1289	90.5	6.0	1159	2	Q6O981	Q6O981 leishmania	1362	89.5	6.0	239	2	Q9D4B3	Q9D4B3 mus musculus
1290	90.5	6.0	1198	2	Q6EVH4	Q6EVH4 homo sapien	1363	89.5	6.0	287	2	Q8MVJ7	Q8MVJ7 boltonia vi
1291	90.5	6.0	1417	2	Q7XCM1	Q7XCM1 oryza sativ	1364	89.5	6.0	298	1	K10B_HUMAN	P60412 homo sapien
1292	90.5	6.0	1417	2	Q9FWG3	Q9FWG3 oryza sativ	1365	89.5	6.0	303	2	Q8CSY4	Q8CSY4 mus musculus
1293	90.5	6.0	1549	2	Q6PGN0	Q6PGN0 mus musculus	1366	89.5	6.0	304	1	WBF1_MOUSE	P97764 mus musculus
1294	90.5	6.0	1560	2	Q8CGM1	Q8CGM1 mus musculus	1367	89.5	6.0	326	2	Q9GLM1	Q9GLM1 sus scrofa
1295	90.5	6.0	1587	2	Q96RY5	Q96RY5 homo sapien	1368	89.5	6.0	328	2	Q6GLZ4	Q6GLZ4 xenopus lae
1296	90.5	6.0	1649	2	Q6J655	Q6J655 dendrolimus	1369	89.5	6.0	361	2	Q9AVB0	Q9AVB0 phytolacca
1297	90.5	6.0	2104	2	Q21281	Q21281 caenorhabdi	1370	89.5	6.0	376	2	Q95LN0	Q95LN0 macaca fasc
1298	90.5	6.0	2104	2	Q964N4	Q964N4 caenorhabdi	1371	89.5	6.0	394	2	Q6ZS87	Q6ZS87 homo sapien
1299	90.5	6.0	2174	2	Q6CD35	Q6CD35 yarrowia li	1372	89.5	6.0	470	1	PROF_CAVPO	Q64181 cavia porce
1300	90.5	6.0	2232	2	Q81FX6	Q81FX6 caenorhabdi	1373	89.5	6.0	531	2	Q9GNZ3	Q9GNZ3 leishmania
1301	90.5	6.0	2634	2	Q95ZD2	Q95ZD2 leishmania	1374	89.5	6.0	536	2	Q7R2P0	Q7R2P0 giardia lam
1302	90.5	6.0	2656	2	Q9GND3	Q9GND3 paracentrot	1375	89.5	6.0	558	2	Q8BIB4	Q8BIB4 mus musculus
1303	90.5	6.0	3301	1	CLR3_MOUSE	Q9GND3 mus musculus	1376	89.5	6.0	604	2	Q867T7	Q867T7 dictyosteli
1304	90.5	6.0	3313	1	CLR3_RAT	Q82878 rattus norv	1377	89.5	6.0	610	2	Q6Y0X6	Q6Y0X6 mus musculus
1305	90.5	6.0	5179	1	MUC2_HUMAN	Q02817 homo sapien	1378	89.5	6.0	655	1	TR21_MOUSE	Q9EPUS mus musculus
1306	90.5	6.0	10625	2	Q6W5Q0	Q6W5Q0 streptomyce	1379	89.5	6.0	661	2	Q8MS79	Q8MS79 drosophila
1307	90	6.0	249	2	Q6Z8U0	Q6Z8U0 oryza sativ	1380	89.5	6.0	683	2	Q7QH35	Q7QH35 anopheles g
1308	90	6.0	326	2	Q7Z280	Q7Z280 brachydanio	1381	89.5	6.0	772	2	Q6R267	Q6R267 homo sapien
1309	90	6.0	394	2	Q9G047	Q9G047 giardia lam	1382	89.5	6.0	772	2	Q71S64	Q71S64 homo sapien
1310	90	6.0	407	1	ADRM_RAT	Q9JMB5 rattus norv	1383	89.5	6.0	784	2	Q6CI85	Q6CI85 yarrowia li
1311	90	6.0	407	2	Q6P795	Q6P795 rattus norv	1384	89.5	6.0	796	2	Q71S65	Q71S65 homo sapien
1312	90	6.0	423	1	TR19_HUMAN	Q9NS68 homo sapien	1385	89.5	6.0	797	2	Q71S61	Q71S61 homo sapien
1313	90	6.0	432	2	Q814B8	Q814B8 caenorhabdi	1386	89.5	6.0	814	1	AD15_HUMAN	Q13444 homo sapien
1314	90	6.0	434	2	Q872V2	Q872V2 neurospora	1387	89.5	6.0	821	2	Q71S62	Q71S62 homo sapien
1315	90	6.0	443	1	FBL4_MOUSE	Q9WVJ9 mus musculus	1388	89.5	6.0	822	2	Q71S63	Q71S63 homo sapien
1316	90	6.0	443	2	Q9JW06	Q9JW06 mus musculus	1389	89.5	6.0	838	2	Q71S66	Q71S66 homo sapien
1317	90	6.0	466	2	Q8MLE2	Q8MLE2 drosophila	1390	89.5	6.0	839	2	Q71S68	Q71S68 homo sapien
1318	90	6.0	476	2	Q80890	Q80890 herpesvirus	1391	89.5	6.0	862	2	Q71S67	Q71S67 homo sapien
1319	90	6.0	496	2	Q9SDF8	Q9SDF8 oryza sativ	1392	89.5	6.0	863	2	Q71S69	Q71S69 homo sapien
1320	90	6.0	533	2	Q7QUV9	Q7QUV9 giardia lam	1393	89.5	6.0	904	2	Q6P4Z4	Q6P4Z4 xenopus tro
1321	90	6.0	537	2	Q86AV8	Q86AV8 dictyosteli	1394	89.5	6.0	1048	2	Q8AWW5	Q8AWW5 gallus gall
1322	90	6.0	561	2	Q81HG4	Q81HG4 drosophila	1395	89.5	6.0	1065	2	Q810H2	Q810H2 mus musculus
1323	90	6.0	597	2	Q6C2X7	Q6C2X7 yarrowia li	1396	89.5	6.0	1079	2	Q96V11	Q96V11 pneumocysti
1324	90	6.0	618	2	Q7PYW7	Q7PYW7 anopheles g	1397	89.5	6.0	1275	2	Q76602	Q76602 caenorhabdi
1325	90	6.0	655	1	ITB5_PAPCY	Q70441 papio cynoc	1398	89.5	6.0	1349	2	Q8WWQ4	Q8WWQ4 homo sapien
1326	90	6.0	806	1	MK07_MOUSE	Q9WV88 mus musculus	1399	89.5	6.0	1403	2	Q70E20	Q70E20 mus musculus
1327	90	6.0	833	1	DL_DROME	P10041 drosophila	1400	89.5	6.0	1476	2	Q8WRP4	Q8WRP4 monosiga br
1328	90	6.0	851	2	Q7Q1J5	Q7Q1J5 anopheles g	1401	89.5	6.0	1501	2	Q75JA5	Q75JA5 dictyosteli
1329	90	6.0	867	2	Q6NN99	Q6NN99 drosophila	1402	89.5	6.0	1640	2	Q7Q4I0	Q7Q4I0 anopheles g
1330	90	6.0	867	2	Q9V7P3	Q9V7P3 drosophila	1403	89.5	6.0	1877	1	PKC5_MOUSE	Q04592 mus musculus
1331	90	6.0	868	1	MUSK_RAT	Q62838 rattus norv	1404	89.5	6.0	2233	2	Q94711	Q94711 paramecium
1332	90	6.0	880	2	Q6PLP7	Q6PLP7 chlamydomon	1405	89	5.9	148	2	O16122	O16122 tenabrio mo
1333	90	6.0	885	2	Q9BHV8	Q9BHV8 leishmania	1406	89	5.9	170	1	IMPI_GALME	P82176 gallieria me
1334	90	6.0	934	1	CO6_PANTR	P61134 pan troglod	1407	89	5.9	197	2	Q7R0J0	Q7R0J0 giardia lam
1335	90	6.0	934	1	CO6_PONPY	P61135 pongo pygma	1408	89	5.9	203	2	Q6XN76	Q6XN76 rhodococcus
1336	90	6.0	955	2	Q6DE79	Q6DE79 xenopus lae	1409	89	5.9	222	2	Q99K77	Q99K77 mus musculus
1337	90	6.0	963	1	TSP4_MOUSE	Q9Z1T2 mus musculus	1410	89	5.9	223	2	Q9ERN7	Q9ERN7 mus musculus
1338	90	6.0	965	2	Q6K4N9	Q6K4N9 oryza sativ	1411	89	5.9	231	2	Q9NL24	Q9NL24 plasmodium
1339	90	6.0	984	2	Q8K271	Q8K271 mus musculus	1412	89	5.9	330	2	Q6ZWF6	Q6ZWF6 homo sapien
1340	90	6.0	1042	2	Q7YTX8	Q7YTX8 drosophila	1413	89	5.9	340	2	Q91TN8	Q91TN8 tupaiid her
1341	90	6.0	1042	2	Q9V7P4	Q9V7P4 drosophila	1414	89	5.9	370	2	Q24990	Q24990 giardia lam
1342	90	6.0	1077	1	SM5A_MOUSE	Q62217 mus musculus	1415	89	5.9	413	2	Q7QTT4	Q7QTT4 giardia lam
1343	90	6.0	1088	2	Q7R2N2	Q7R2N2 giardia lam	1416	89	5.9	416	2	Q8N836	Q8N836 homo sapien
1344	90	6.0	1134	2	Q9N9U7	Q9N9U7 leishmania	1417	89	5.9	435	2	Q9NGZ6	Q9NGZ6 giardia lam
1345	90	6.0	1205	2	Q8K0P6	Q8K0P6 mus musculus	1418	89	5.9	438	2	Q9V5Q4	Q9V5Q4 drosophila

1419	89	5.9	440	1	TI0B_HUMAN	O14763 homo sapien	1492	88.5	5.9	810	2	Q7T117	Q7T117 brachydanio
1420	89	5.9	448	2	Q7R090	Q7R090 giardia lam	1493	88.5	5.9	814	2	Q80UR5	Q80UR5 mus musculu
1421	89	5.9	451	2	Q7ZMX9	Q7ZMX9 xenopus lae	1494	88.5	5.9	831	2	Q9PU49	Q9PU49 gallus gall
1422	89	5.9	463	2	Q68QF3	Q68QF3 lithobius f	1495	88.5	5.9	950	2	Q802C1	Q802C1 xenopus lae
1423	89	5.9	490	1	CN2Q7	Q86T13 homo sapien	1496	88.5	5.9	1017	2	Q84P66	Q84P66 oryza sativ
1424	89	5.9	495	2	Q9GQJ3	Q9GQJ3 giardia lam	1497	88.5	5.9	1071	2	Q960B5	Q960B5 drosophila
1425	89	5.9	548	1	C09_MOUSE	P06683 mus musculu	1498	88.5	5.9	1071	2	Q9VUU2	Q9VUU2 drosophila
1426	89	5.9	586	2	Q9L0T7	Q9L0T7 streptomyce	1499	88.5	5.9	1081	2	Q6AHT3	Q6AHT3 pneumocysti
1427	89	5.9	604	2	Q6T3J7	Q6T3J7 drosophila	1500	88.5	5.9	1117	2	Q652W3	Q652W3 oryza sativ
1428	89	5.9	608	2	Q8CH80	Q8CH80 mus musculu							
1429	89	5.9	627	2	Q7TT20	Q7TT20 mus musculu							
1430	89	5.9	632	2	Q7R426	Q7R426 giardia lam							
1431	89	5.9	647	2	Q7LZ69	Q7LZ69 notophthalm							
1432	89	5.9	662	2	Q9VSK1	Q9VSK1 drosophila							
1433	89	5.9	717	2	P87357	P87357 brachydanio							
1434	89	5.9	720	2	Q8UWJ4	Q8UWJ4 brachydanio							
1435	89	5.9	725	2	Q8CFY6	Q8CFY6 lactococcus							
1436	89	5.9	738	2	Q90Z45	Q90Z45 gallus gall							
1437	89	5.9	751	2	Q9GYX3	Q9GYX3 drosophila							
1438	89	5.9	751	2	Q9W2H2	Q9W2H2 drosophila							
1439	89	5.9	868	2	Q8K0D4	Q8K0D4 mus musculu							
1440	89	5.9	872	2	Q26045	Q26045 proliferati							
1441	89	5.9	879	2	Q6ZM08	Q6ZM08 homo sapien							
1442	89	5.9	901	1	A180_MOUSE	Q61548 mus musculu							
1443	89	5.9	917	2	Q9V4B8	Q9V4B8 drosophila							
1444	89	5.9	934	1	C06_HUMAN	P13671 homo sapien							
1445	89	5.9	993	2	Q66PY1	Q66PY1 mus musculu							
1446	89	5.9	1091	2	Q7YU78	Q7YU78 drosophila							
1447	89	5.9	1113	2	Q6WEO5	Q6WEO5 arabidopsis							
1448	89	5.9	1174	1	CIKE_DROME	Q02280 drosophila							
1449	89	5.9	1236	2	Q9NKF9	Q9NKF9 drosophila							
1450	89	5.9	1238	2	Q9VJW9	Q9VJW9 drosophila							
1451	89	5.9	1239	2	Q94902	Q94902 drosophila							
1452	89	5.9	1521	1	SLT2_MOUSE	Q9R1B9 mus musculu							
1453	89	5.9	1785	2	Q8JHV7	Q8JHV7 brachydanio							
1454	89	5.9	1806	2	Q96TG0	Q96TG0 homo sapien							
1455	89	5.9	2205	2	Q7PS10	Q7PS10 anopheles g							
1456	89	5.9	2282	1	ZAN_RABIT	P57999 oryctolagus							
1457	89	5.9	3075	1	LMAI_HUMAN	P25391 homo sapien							
1458	89	5.9	3273	2	Q6VU67	Q6VU67 homo sapien							
1459	89	5.9	3333	2	Q6VU68	Q6VU68 homo sapien							
1460	89	5.9	3333	2	Q76E14	Q76E14 homo sapien							
1461	88.5	5.9	179	2	Q9FTK9	Q9FTK9 oryza sativ							
1462	88.5	5.9	187	2	Q6L8G7	Q6L8G7 homo sapien							
1463	88.5	5.9	187	2	Q6UTX6	Q6UTX6 homo sapien							
1464	88.5	5.9	194	1	KRUB_HUMAN	Q75690 homo sapien							
1465	88.5	5.9	217	2	Q658F7	Q658F7 oryza sativ							
1466	88.5	5.9	222	2	Q7XZ47	Q7XZ47 griffithsia							
1467	88.5	5.9	256	2	Q6V5D9	Q6V5D9 olimarabido							
1468	88.5	5.9	269	2	Q9U9J2	Q9U9J2 toxocara ca							
1469	88.5	5.9	291	1	IBP3_HUMAN	P17936 homo sapien							
1470	88.5	5.9	353	2	Q8BHG3	Q8BHG3 mus muscu							
1471	88.5	5.9	427	2	Q9Y070	Q9Y070 periplaneta							
1472	88.5	5.9	453	2	Q8N0M6	Q8N0M6 ctenecephal							
1473	88.5	5.9	486	2	Q7ZW66	Q7ZW66 brachydanio							
1474	88.5	5.9	506	2	Q8FTZ0	Q8FTZ0 corynebacte							
1475	88.5	5.9	532	2	Q67P38	Q67P38 symbiobacte							
1476	88.5	5.9	576	2	Q6UX29	Q6UX29 homo sapien							
1477	88.5	5.9	595	1	TNR8_HUMAN	P28908 homo sapien							
1478	88.5	5.9	604	2	Q6IEF9	Q6IEF9 oryza sativ							
1479	88.5	5.9	615	2	Q22886	Q22886 caenorhabdi							
1480	88.5	5.9	616	1	ECAR_ECHCA	Q90495 echis carin							
1481	88.5	5.9	637	2	Q6ZH52	Q6ZH52 oryza sativ							
1482	88.5	5.9	638	2	Q8NBH6	Q8NBH6 homo sapien							
1483	88.5	5.9	680	2	Q9QW15	Q9QW15 mus ap. bet							
1484	88.5	5.9	703	1	FBL1_HUMAN	P23142 homo sapien							
1485	88.5	5.9	729	2	Q6GPT6	Q6GPT6 xenopus lae							
1486	88.5	5.9	755	1	COMP_MOUSE	Q9R0G6 mus musculu							
1487	88.5	5.9	755	2	Q8VI54	Q8VI54 mus musculu							
1488	88.5	5.9	780	2	Q22017	Q22017 cylindrothe							
1489	88.5	5.9	787	1	ITB3_MOUSE	Q54890 mus musculu							
1490	88.5	5.9	808	2	Q9XXU1	Q9XXU1 caenorhabdi							
1491	88.5	5.9	810	2	Q9NL29	Q9NL29 caenorhabdi							

ALIGNMENTS

RESULT 1

Q9NPF0	ID	Q9NPF0	PRELIMINARY;	PRT;	282 AA.
AC	Q9NPF0;	01-OCT-2000	(TrEMBLrel. 15, Created)		
DT	01-OCT-2000	(TrEMBLrel. 15, Last sequence update)			
DT	25-OCT-2004	(TrEMBLrel. 28, Last annotation update)			
DE	8D6 antigen (Hypothetical protein DKFP56401762) (8D6A protein) (SGGW198)				
DE	Name=DKFP56401762; Synonyms=8D6A; ORFNames=UNQ198;				
GN	Homo sapiens (Human).				
OS	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
OC	Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.				
OX	NCBI_TaxID=9606;				
RN	[1]				
RP	SEQUENCE FROM N.A.				
RA	Auftray C., Anseorge W., Ballabio A., Estivill X., Gibson K.,				
RA	Lehrach H., Poustka A., Lundeberg J.;				
RL	Submitted (JUL-2000) to the EMBL/GenBank/DBJ databases.				
RN	[2]				
RP	SEQUENCE FROM N.A.				
RA	Carim L., Estivill X., Escarceller M., Sunoy L.;				
RL	Submitted (JUL-2000) to the EMBL/GenBank/DBJ databases.				
RN	[3]				
RP	SEQUENCE FROM N.A.				
RC	TISSUE=Brain;				
RG	The German CDNA Consortium;				
RA	Blum H., Bauersachs S., Mewes H.W., Weil B., Amid C., Osanger A.,				
RA	Fobo G., Han M., Wiemann S.;				
RL	Submitted (SEP-2004) to the EMBL/GenBank/DBJ databases.				
RN	[4]				
RP	SEQUENCE FROM N.A.				
RC	TISSUE=Brain, and Kidney;				
RX	MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;				
RA	Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,				
RA	Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,				
RA	Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,				
RA	Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Haieh F.,				
RA	Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,				
RA	Scapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,				
RA	Brownstein M.J., Udén T.B., Toshiyuki S., Carninci P., Prange C.,				
RA	Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,				
RA	Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,				
RA	Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,				
RA	Vallalón D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,				
RA	Faney J., Heiton E., Kettelman M., Madan A., Rodriguez S., Sanchez A.,				
RA	Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,				
RA	Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,				
RA	Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,				
RA	Krzywinski M.I., Skalek U., Smailus D.E., Schnerch A., Schein J.E.,				
RA	Jones S.J., Marra M.A.;				
RT	"Generation and initial analysis of more than 15,000 full-length human				
RT	and mouse cDNA sequences.";				
RL	Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).				
RN	[5]				
RP	SEQUENCE FROM N.A.				
RC	TISSUE=Kidney;				
RA	Strausberg R.;				
RL	Submitted (NOV-2000) to the EMBL/GenBank/DBJ databases.				


```

RN RC STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RP STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RA The FANTOM Consortium;
RA the RIKEN Genome Exploration Research Group Phase I & II Team;
RT "Analysis of the mouse transcriptome based on functional annotation of
RL 60,770 full-length cDNAs.";
RL Nature 420:563-573 (2002).
[8]
RN RC STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RP STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RX MEDLINE=20499374; PubMed=11042159; DOI=10.1101/gr.145100;
RA Carninci P., Shibata Y., Hayatsu N., Sugahara Y., Shibata K., Itoh M.,
RA Konno H., Akiyama J., Nishi K., Kitsuai T., Tashiro H., Itoh M.,
RA Sumi N., Ishii Y., Nakamura S., Hazama M., Nishine T., Harada A.,
RA Yamamoto R., Matsumoto H., Sakaguchi S., Ikegami T., Kaishiwagi K.,
RA Fujiwaka S., Inoue K., Togawa Y., Izawa M., Ohara E., Watahiki M.,
RA Yoneda Y., Ishikawa T., Ozawa K., Tanaka T., Matsuura S., Kawai J.,
RA Okazaki Y., Muramatsu M., Inoue Y., Kira A., Hayashizaki Y.;
RT "RIKEN integrated sequence analysis (RISA) system-384-format
RL sequencing pipeline with 384 multicapillary sequencer.";
RL Genome Res. 10:1757-1771 (2000).
[10]
RN RC STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RP STRAIN=C57BL/6J; TISSUE=Medulla oblongata;
RA Adachi J., Aizawa K., Akahira S., Akimura T., Aono H., Arai A.,
RA Arakawa T., Bono H., Carninci P., Fukuda S., Fukunishi Y., Furuno M.,
RA Hanagaki T., Hara A., Hayatsu N., Hiramoto K., Hiraoka T., Hori F.,
RA Imotani K., Ishii Y., Itoh M., Izawa M., Kasukawa T., Kato H.,
RA Kawai J., Kojima Y., Konno H., Kouda M., Koya S., Kurihara C.,
RA Matsuyama T., Miyazaki A., Nishi K., Nomura K., Numazaki R., Ohno M.,
RA Okazaki Y., Okido T., Owa C., Saito H., Saito R., Sakai C., Sakai K.,
RA Sogabe Y., Suzuki H., Tagami M., Tagawa A., Takahashi F., Tanaka T.,
RA Tejima Y., Toya T., Yamamura T., Yamanaka I., Yasunishi A.,
RA Yoshida K., Yoshino M., Muramatsu M., Hayashizaki Y.;
RL Submitted (APR-2002) to the EMBL/GenBank/DBJ databases.
DR EMBL; AF110520; AAC97969.1; -
DR EMBL; AF2026888; AAH26888.1; -
DR EMBL; AF528162; AA017374.1; -
DR EMBL; AK078151; BAC37150.1; -
DR HSSP; P01130; 1AJJ.
DR MGD; MGI:1860083; 425018-1.
DR InterPro; IPR002172; LDL_receptor_A.
DR Pfam; PF00057; Ldl_recept_a; 2.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00192; LDLR; 2.
DR PROSITE; PS01209; LDLRA_1; 2.
DR PROSITE; PS0068; LDLRA_2; 2.
DR PROSITE; PS0068; LDLRA_2; 2.
KW Hypothetical protein.
SQ SEQUENCE 260 AA; 27739 MW; 5AA3B6081C8E080C CRC64;

Query Match 49.9%; Score 750.5; DB 2; Length 260;
Best Local Similarity 57.1%; Pred. No. 5.2e-43;
Matches 160; Conservative 20; Mismatches 75; Indels 25; Gaps 4;

QY 6 MAQVAGWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGCPPTKFCQRTSG 65
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
RT |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 66 LCVPLTWRCDRDLCDSGSDSEECRIEPCQKQCQCPPPGLPCPTGVCSDGSGTKCLR 125
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 59 YCVPLSWRCDDQDCSDGSDSEECRIEPCQKQCQCPPPGLPCPTGVCSDGSGTKCLR 117
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

```

```

QY 126 NCSRLACLAGELRCTLSDDCIPLTWRCDHPPDCPSDDELGCCT----NBILPEGDAYTM 181
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 118 NCSRPCCQSELHCILDDVCIPHTWRCDHPPDCPSDDELSCDTDTIDKIFOEENATTT 177
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 182 GPPVTVLESVTSLENNATMTGPPVTVLESVPSVGNATSSAGDSQSGPTAYGVIAAAVLASAS 241
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 178 RISTTWNENETSF-----NVTFTSAGDSSRNPSAIGVIAAGVLSAI 219
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 242 LVTATLLLSLWLRQAQRRLRPLGLLVAMKESLLLSSEQKTSLSL 281
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 220 LVSAATLLLLLRAGQGVLPPLGVLVAVKESLLLSERKTSLSL 259
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 3
Q641V7 PRELIMINARY; PRT; 260 AA.
ID Q641V7;
AC Q641V7;
DT 25-OCT-2004 (TrEMBLrel. 28, Created)
DT 25-OCT-2004 (TrEMBLrel. 28, Last sequence update)
DT 25-OCT-2004 (TrEMBLrel. 28, Last annotation update)
DE Hypothetical protein.
OS Xenopus laevis (African clawed frog).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Amphibia; Batrachia; Anura; Mesobatrachia; Pipidoidea; Pipidae;
OC Xenopodinae; Xenopus.
OX NCBI_TaxID=8355;
RN [1]
RC SEQUENCE FROM N.A.
RP TISSUE=Embryo;
RX MEDLINE=22341132; PubMed=12454917; DOI=10.1002/dvdy.10174;
RA Klein S.L., Strausberg R.L., Wagner L., Pontius J., Clifton S.W.,
RA Richardson P.;
RT "Genetic and genomic tools for Xenopus research: The NIH Xenopus
RL initiative.";
RL Dev. Dyn. 225:384-391 (2002).
RN [2]
RC SEQUENCE FROM N.A.
RP TISSUE=Embryo;
RX PubMed=12477932; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA Altschul S.F., Zebberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Udwin T.B., Toshiyuki S., Carninci P., Prange C.,
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullaby S.J.,
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA Villalón D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahey J., Helton E., Kettelman M., Madan A., Rodrigues S., Sanchez A.,
RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,
RA Krzywinski M.I., Skalek U., Smailus D.E., Schnerch A., Schein J.E.,
RA Jones S.J., Marra M.A.;
RT "Generation and initial analysis of more than 15,000 full-length human
RL and mouse cDNA sequences.";
RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903 (2002).
RN [3]
RC SEQUENCE FROM N.A.
RP TISSUE=Embryo;
RA Klein S., Gerhard D.S.;
RL Submitted (SEP-2004) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC082147; AAH82147.1; -
KW Hypothetical protein.
SQ SEQUENCE 260 AA; 27739 MW; 5AA3B6081C8E080C CRC64;

Query Match 49.9%; Score 750.5; DB 2; Length 260;
Best Local Similarity 57.1%; Pred. No. 5.2e-43;
Matches 160; Conservative 20; Mismatches 75; Indels 25; Gaps 4;

QY 6 MAQVAGWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGCPPTKFCQRTSG 65

```

```

Db 1 MARGGAGRAVALGLVLRLLGLTGLEAAPAP--AHTRVQVSGSRADSCPTDTFQCLTSG 59
QY 66 LCVPPLTWRCRDRLDCSDGSDDEECRIEPCCTQKQCQPPPLGCPCTGVSDCSGGTDKCLR 125
Db 59 YCVPLSWRCDDQDCSDGSDDEECRIESCACQNGCQCPQSQALPCSDNISGSDVSKNL- 117
QY 126 NCSRLACLAGELRCTLSDDCIPLTWRCDGHPDPCDSDDELGCCT-----NEILPEGDATM 181
Db 118 NCSRPQCSESELHCILDDVCIPHTWRCDGHPDCLDSSDELSCDTPDIDKIFOENATT 177
QY 182 GPPVTLESVTSLSRNATTMTGPPVTLESVPSVGNATSSAGDSQSPYAGVIAAAVLSAS 241
Db 178 RISTTMENETSPR-----NVTFTSAGDSSRNPSAYGVIAAAGVLSAI 219
QY 242 LVTATLLLSWLRQAERLRPLGLLVAMKESLLSEOKTSL 281
Db 220 LVSATLLILLRQGQYLPPLGLLVAVKESLLLSERKTS 259

RESULT 4
Q9CWC2 PRELIMINARY; PRT; 260 AA.
AC Q9CWC2;
DT 01-JUN-2001 (TrEMBLrel. 17, Created)
DT 01-JUN-2001 (TrEMBLrel. 17, Last sequence update)
DT 01-MAR-2003 (TrEMBLrel. 23, Last annotation update)
DE Mus musculus ES cells cDNA, RIKEN full-length enriched library,
DE clone:C330007L17 product:hypothetical protein 425018-1, full insert
DE sequence.
GN Name=425018-1;
OS Mus musculus (Mouse).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
OX NCBI_TaxID=10090;
RN [1]
RP STRAIN=C57BL/6J;
RC MEDLINE=99279253; PubMed=10349636; DOI=10.1016/S0076-6879(99)03004-9;
RX Carninci P., Hayashizaki Y.;
RA "High-efficiency full-length cDNA cloning.";
RL Meth. Enzymol. 303:19-44(1999).
RN [2]
RP STRAIN=C57BL/6J;
RC MEDLINE=21085660; PubMed=11217851; DOI=10.1038/35055500;
RX RIKEN FANTOM Consortium;
RA "Functional annotation of a full-length mouse cDNA collection.";
RL Nature 409:685-690(2001).
RN [3]
RP STRAIN=C57BL/6J;
RC STRAIN=C57BL/6J;
RA The FANTOM Consortium,
RA The RIKEN Genome Exploration Research Group Phase I & II Team;
RT "Analysis of the mouse transcriptome based on functional annotation of
RT 60,770 full-length cDNAs.";
RL Nature 420:563-573(2002).
RN [4]
RP STRAIN=C57BL/6J;
RC STRAIN=C57BL/6J; PubMed=11042159; DOI=10.1101/gr.145100;
RX Carninci P., Shibata Y., Hayatsu N., Sugahara Y., Shibata K., Itoh M.,
RA Konno H., Okazaki Y., Muramatsu M., Hayashizaki Y.;
RT "Normalization and subtraction of cap-trapper-selected cDNAs to
RT prepare full-length cDNA libraries for rapid discovery of new genes.";
RL Genome Res. 10:1617-1630(2000).
RN [5]
RP STRAIN=C57BL/6J;
RC STRAIN=C57BL/6J; PubMed=11076861; DOI=10.1101/gr.152600;
RX Shibata K., Itoh M., Aizawa K., Nagaoaka S., Sasaki N., Carninci P.,
RA Konno H., Akiyama J., Nishi K., Kiteunai T., Tashiro H., Itoh M.,
RA Sumi N., Ishii Y., Nakamura S., Hazama M., Nishine T., Harada A.,

```

```

RA Yamamoto R., Matsumoto H., Sakaguchi S., Ikegami T., Kashiwaqi K.,
RA Fujiwaka S., Inoue K., Togawa Y., Izawa M., Ohara E., Watahiki M.,
RA Yoneda Y., Ishikawa T., Ozawa K., Tanaka T., Matsura S., Kawai J.,
RA Okazaki Y., Muramatsu M., Inoue Y., Kira A., Hayashizaki Y.;
RT "RIKEN integrated sequence analysis (RISA) system-384-format
RT sequencing pipeline with 384 multicapillary sequencer.";
RL Genome Res. 10:1757-1771(2000).
RN [6]
RP SEQUENCE FROM N.A.
RC STRAIN=C57BL/6J;
RA Adachi J., Aizawa K., Akahira S., Akimura T., Arai A., Aono H.,
RA Arakawa T., Bono H., Carninci P., Fukuda S., Fukunishi Y., Furuno M.,
RA Hanagaki T., Hara A., Hayatsu N., Hiramoto K., Hiraoka T., Hori F.,
RA Imotani K., Ishii Y., Itoh M., Izawa M., Kasukawa T., Kato H.,
RA Kawai J., Kojima Y., Konno H., Kouda M., Koya S., Kurihara C.,
RA Matsuyama T., Miyazaki A., Nishi K., Nomura K., Numazaki R., Ohno M.,
RA Okazaki Y., Okido T., Owa C., Saito H., Saito R., Sakai C., Sakai K.,
RA Sano H., Sasaki D., Shibata K., Shibata Y., Shinagawa A., Shiraki T.,
RA Sogabe Y., Suzuki H., Tagami M., Tagawa A., Takahashi P., Tanaka T.,
RA Tejima Y., Toya T., Yamamura T., Yasunishi A., Yoshida K., Yoshino M.,
RA Muramatsu M., Hayashizaki Y.;
RL Submitted (AUG-2000) to the EMBL/GenBank/DBJ databases.
DR EMBL; AK021187; BAB32321.1; -.
DR HSSP; P01130; 1AJJ.
DR MGD; MGI:1860083; 425018-1.
DR InterPro; IPR002172; LDL_receptor_A.
DR Pfam; PF00057; Ldl_recepta; 2.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00192; LDLA; 2.
DR PROSITE; PS01209; LDLRA_1; 2.
DR PROSITE; PS00068; LDLRA_2; 2.
KW Hypothetical protein.
SQ SEQUENCE 260 AA; 27799 MW; 5ABFCF6D15E27169 CRC64;
Query Match 49.5%; Score 744.5; DB 2; Length 260;
Best Local Similarity 56.8%; Pred. No. 1.3e-42;
Matches 159; Conservative 20; Mismatches 76; Indels 25; Gaps 4;
QY 6 MAQVGNRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSGPPTKFCQRTSG 65
Db 1 MARGGAGRAVALGLVLRLLGLTGLEAAPAP--AHTRVQVSGSRADSCPTDTFQCLTSG 58
QY 66 LCVPPLTWRCRDRLDCSDGSDDEECRIEPCCTQKQCQPPPLGCPCTGVSDCSGGTDKCLR 125
Db 59 YCVPLSWRCDDQDCSDGSDDEECRIESCACQNGCQCPQSQALPCSDNISGSDVSKNL- 117
QY 126 NCSRLACLAGELRCTLSDDCIPLTWRCDGHPDPCDSDDELGCCT-----NEILPEGDATM 181
Db 118 NCSRPQCSESELHCILDDVCIPHTWRCDGHPDCLDSSDELSCDTPDIDKIFOENATT 177
QY 182 GPPVTLESVTSLSRNATTMTGPPVTLESVPSVGNATSSAGDSQSPYAGVIAAAVLSAS 241
Db 178 RISTTMENETSPR-----NVTFTSAGDSSRNPSAYGVIAAAGVLSAI 219
QY 242 LVTATLLLSWLRQAERLRPLGLLVAMKESLLSEOKTSL 281
Db 220 LVSATLLILLRQGQYLPPLGLLVAVKESLLLSERKTS 259

RESULT 5
Q8C2O4 PRELIMINARY; PRT; 260 AA.
AC Q8C2O4;
DT 01-MAR-2003 (TrEMBLrel. 23, Created)
DT 01-MAR-2003 (TrEMBLrel. 23, Last sequence update)
DT 01-OCT-2003 (TrEMBLrel. 25, Last annotation update)
DE Mus musculus 2 days neonate thymic thymic cells cDNA, RIKEN full-
DE length enriched library, clone:E430005M19 product:hypothetical protein
DE 425018-1, full insert sequence.
GN Name=425018-1;
OS Mus musculus (Mouse).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

```


Db 151 -----DKIFQENATTTTISTMTBNETSRNVFTSAGDSRNPDSAYGVIAAA 198

RESULT 7

LRP8 MOUSE STANDARD; PRT; 996 AA.

AC Q924X6; Q8CAK9; Q8CDF5; Q921B6;

DT 05-JUL-2004 (Rel. 44, Created)

DT 05-JUL-2004 (Rel. 44, Last sequence update)

DT 25-OCT-2004 (Rel. 45, Last annotation update)

DE Low-density lipoprotein receptor-related protein 8 precursor (Apolipoprotein E receptor 2).

GN Name=Lrp8; Synonyms=Apoer2;

OS Mus musculus (Mouse)

OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

OX NCBI_TaxID=10090;

[1]

RN SEQUENCE FROM N.A. (ISOFORM 1).

RP TISSUE=Brain;

RX MEDLINE=98352008; PubMed=9685741;

RA Kim H.-J., Kim D.-H., Magoori K., Saeki S., Yamamoto T.;

RT "Evolution of the apolipoprotein E receptor 2 gene by exon loss.";

RL J. Biochem. 124:451-456(1998).

[2]

RN SEQUENCE FROM N.A. (ISOFORM 2), ALTERNATIVE SPLICING, AND INTERACTION WITH REELIN AND ALPHA2-MACROGLOBULIN.

RX MEDLINE=21303597; PubMed=11294845; DOI=10.1074/jbc.M102662200;

RA Brandes C., Kahr L., Stockinger W., Hiesberger T., Schneider W.J., Nimpf J.;

RT "Alternative splicing in the ligand binding domain of mouse ApoE receptor-2 produces receptor variants binding reelin but not alpha2-macroglobulin.";

RL J. Biol. Chem. 276:22160-22169(2001).

[3]

RN SEQUENCE OF 77-996 FROM N.A. (ISOFORMS 3 AND 4).

RP STRAIN=C57BL/6J; TISSUE=Hypothalamus;

RX MEDLINE=22354683; PubMed=12466851; DOI=10.1038/nature01266;

RA Okazaki Y., Furuno M., Kasukawa T., Adachi J., Bono H., Kondo S., Nikaide I., Osato N., Saito R., Suzuki H., Yamanaka I., Kiyosawa H., Yagi K., Tomaru Y., Hasegawa Y., Nogami A., Schonbach C., Gotohori T., Baldarelli R., Hill D.P., Bult C., Hume D.A., Quackenbush J., Schriml L.M., Kanapin A., Matsuda H., Batalov S., Beisel K.W., Blake J.A., Bradt D., Brusci V., Chothia C., Corbani L.E., Cousins S., Dalla E., Dragani T.A., Fletcher C.F., Forrest A., Frazer K.S., Gaasterland T., Gariboldi M., Gissi C., Godzik A., Gough J., Grimmond S., Gustincich S., Hirokawa N., Jackson I.J., Jarvis E.D., Kanai A., Kawaji H., Kawasawa Y., Kedzierski R.M., King B.L., Kono T., Kurochkin I.V., Lee Y., Lenhard B., Lyons P.A., Konagaya A., Kurochkin I.V., Lee Y., Lenhard B., Lyons P.A., Maglott D.R., Maltais L., Marchionni L., McKenzie L., Miki H., Nagashima T., Numata K., Okido T., Pavan W.J., Perteaux G., Pesole G., Petrovsky N., Pillai R., Pontius J.U., Qi D., Ramachandran S., Ravasi T., Reed J.C., Reid D.J., Reid J., Ring B.Z., Ringwald M., Sadelain A., Schneider C., Semple C.A., Setou M., Shimada K., Sultana R., Takenaka Y., Taylor M.S., Teasdale R.D., Tomita M., Verardo R., Wagner L., Wahlstedt C., Wang Y., Watanabe Y., Wells C., Wilming L.G., Wynshaw-Boris A., Yanagisawa M., Yang L., Yang L., Yuan Z., Zavolan M., Zhu Y., Zimmer A., Carninci P., Hayatsu N., Hirozane-Koshikawa T., Konno H., Nakamura M., Sakazume N., Sato K., Shiraki T., Waki K., Kawai J., Aizawa K., Arakawa T., Fukuda S., Hara A., Hashizume W., Iotani K., Ishii Y., Itoh M., Kagawa I., Miyazaki A., Sakai K., Sasaki D., Shibata K., Shinagawa A., Yasunishi A., Yoshino M., Waterston R., Lander E.S., Rogers J., Birney E., Hayashizaki Y.;

RT "Analysis of the mouse transcriptome based on functional annotation of 60,770 full-length cDNAs.";

RL Nature 420:563-573(2002).

[4]

RN ALTERNATIVE SPLICING, GLYCOSYLATION, AND PROTEOLYTICAL PROCESSING.

RP PubMed=12871934; DOI=10.1074/jbc.M305858200;

RX May P., Bock H.H., Nimpf J., Herz J.;

RT "Differential glycosylation regulates processing of lipoprotein receptors by gamma-secretase.";

RL J. Biol. Chem. 278:37386-37392(2003).

[5]

RN ALTERNATIVE SPLICING, AND PROTEOLYTICAL PROCESSING.

RX PubMed=12426372; DOI=10.1093/emboj/cdf599;

RA Koch S., Strasser V., Hauser C., Fasching D., Brandes C., Bajari T.M., Schneider W.J., Nimpf J.;

RT "A secreted soluble form of ApoE receptor 2 acts as a dominant-negative receptor and inhibits Reelin signaling.";

RL EMBO J. 21:5996-6004(2002).

[6]

RN FUNCTION IN SPERM DEVELOPMENT.

RP PubMed=12695510; DOI=10.1074/jbc.M302157200;

RA Andersen O.M., Yeung C.H., Vorum H., Wellner M., Andreassen T.K., Erdmann B., Mueller E.C., Herz J., Otto A., Cooper T.G., Willnow T.E.;

RT "Essential role of the apolipoprotein E receptor-2 in sperm development.";

RL J. Biol. Chem. 278:23989-23995(2003).

[7]

RN INTERACTION WITH DAB1.

RP PubMed=10380922; DOI=10.1016/S0092-8674(00)80782-5;

RA Trommsdorff M., Gotthardt M., Hiesberger T., Shelton J., Stockinger W., Nimpf J., Hammer R.E., Richardson J.A., Herz J.;

RT "Reeler/Disabled-like disruption of neuronal migration in knockout mice lacking the VLDL receptor and ApoE receptor 2.";

RL Cell 97:689-701(1999).

[8]

RN INTERACTION WITH JNK-INTERACTING PROTEINS, AND TISSUE SPECIFICITY.

RP MEDLINE=20400499; PubMed=10827199; DOI=10.1074/jbc.M004119200;

RA Stockinger W., Brandes C., Fasching D., Hermann M., Gotthardt M., Herz J., Schneider W.J., Nimpf J.;

RT "The reelin receptor ApoER2 recruits JNK-interacting proteins-1 and -2.";

RL J. Biol. Chem. 275:25625-25632(2000).

[9]

RN INTERACTIONS WITH RAP AND REELIN, STOICHIOMETRY, AND MUTAGENESIS.

RP PubMed=12899622; DOI=10.1021/bi034475p;

RA Andersen O.M., Benhayon D., Curran T., Willnow T.E.;

RT "Differential binding of ligands to the apolipoprotein E receptor 2.";

RL Biochemistry 42:9355-9364(2003).

[10]

RN FUNCTION: Cell surface receptor for Reelin (RELN) and apolipoprotein E (apoE)-containing ligands. LRP8 participates in transmitting the extracellular Reelin signal to intracellular signaling processes, by binding to DAB1 on its cytoplasmic tail. Reelin acts via both the VLDL receptor (VLDLR) and LRP8 to regulate DAB1 tyrosine phosphorylation and microtubule function in neurons. LRP8 has higher affinity for Reelin than VLDLR. LRP8 is thus a key component of the Reelin pathway which governs neuronal layering of the forebrain during embryonic brain development. Binds the endoplasmic reticulum resident receptor-associated protein (RAP). Binds dimers of beta 2-glycoprotein I and may be involved in the suppression of platelet aggregation in the vasculature. Highly expressed in the initial segment of the epididymis, where it affects the functional expression of clusterin and phospholipid hydroperoxide glutathione peroxidase (PHGPx), two proteins required for sperm maturation. May also function as an endocytic receptor.

[11]

RN SUBUNIT: Reelin associates with two or more receptor molecules. Interacts with DAB1 and JNK-interacting proteins.

[12]

RN SUBCELLULAR LOCATION: Type I membrane protein (potential). Isoforms that contain the exon coding for a furin-type cleavage site are proteolytically processed, leading to a secreted receptor fragment.

[13]

RN ALTERNATIVE PRODUCTS:

[14]

RN Event=Alternative splicing; Named isoforms=5;

CC Name=1;

CC IsoID=Q924X6-1; Sequence=Displayed;

CC Name=2;

CC IsoID=Q924X6-2; Sequence=VSP 010309;

CC Note=No experimental confirmation available;

CC Name=3;

CC IsoID=Q924X6-3; Sequence=VSP 010310, VSP 010311;

CC Note=No experimental confirmation available;

CC Name=4;

DR PROSITE; PS00010; ASX_HYDROXYL; 2.
DR PROSITE; PS00022; EGF_1; FALSE_NEG.
DR PROSITE; PS01186; EGF_2; 3.
DR PROSITE; PS00026; EGF_3; 2.
DR PROSITE; PS01187; EGF_CA; 2.
DR PROSITE; PS01209; LDLRA_1; 8.
DR PROSITE; PS00068; LDLRA_2; 8.
DR PROSITE; PS00068; LDLRA_2; 8.
KW Cholesterol metabolism; Coated pits; Direct protein sequencing;
KW EGF-like domain; Endocytosis; Glycoprotein; Lipid transport; Receptor;
KW Repeat; Signal; Transmembrane; VLDR.
FT SIGNAL 1 43 Potential.
FT CHAIN 44 863 Very low-density lipoprotein receptor.
FT DOMAIN 44 785 Extracellular (Potential).
FT TRANSMEM 786 809 Potential.
FT DOMAIN 810 863 Cytoplasmic (Potential).
FT DOMAIN 49 87 LDL-receptor class A 1.
FT DOMAIN 88 128 LDL-receptor class A 2.
FT DOMAIN 129 169 LDL-receptor class A 3.
FT DOMAIN 170 208 LDL-receptor class A 4.
FT DOMAIN 209 249 LDL-receptor class A 5.
FT DOMAIN 255 293 LDL-receptor class A 6.
FT DOMAIN 294 332 LDL-receptor class A 7.
FT DOMAIN 334 373 LDL-receptor class A 8.
FT DOMAIN 374 413 EGF-like 1, calcium-binding (Potential).
FT DOMAIN 414 453 EGF-like 2, calcium-binding (Potential).
FT REPEAT 457 498 LDL-receptor class B 1.
FT REPEAT 499 544 LDL-receptor class B 2.
FT REPEAT 545 587 LDL-receptor class B 3.
FT REPEAT 588 631 LDL-receptor class B 4.
FT REPEAT 632 674 LDL-receptor class B 5.
FT REPEAT 675 716 LDL-receptor class B 6.
FT DOMAIN 722 770 EGF-like 3.
FT SITE 822 827 Endocytosis signal (Potential).
FT DISULFID 51 63 By similarity.
FT DISULFID 58 76 By similarity.
FT DISULFID 70 85 By similarity.
FT DISULFID 90 102 By similarity.
FT DISULFID 97 115 By similarity.
FT DISULFID 109 126 By similarity.
FT DISULFID 131 145 By similarity.
FT DISULFID 138 158 By similarity.
FT DISULFID 152 167 By similarity.
FT DISULFID 172 184 By similarity.
FT DISULFID 179 197 By similarity.
FT DISULFID 191 206 By similarity.
FT DISULFID 211 223 By similarity.
FT DISULFID 218 236 By similarity.
FT DISULFID 230 247 By similarity.
FT DISULFID 257 269 By similarity.
FT DISULFID 264 282 By similarity.
FT DISULFID 276 291 By similarity.
FT DISULFID 296 308 By similarity.
FT DISULFID 303 321 By similarity.
FT DISULFID 315 330 By similarity.
FT DISULFID 336 349 By similarity.
FT DISULFID 344 362 By similarity.
FT DISULFID 356 373 By similarity.
FT DISULFID 378 389 By similarity.
FT DISULFID 385 398 By similarity.
FT DISULFID 400 412 By similarity.
FT DISULFID 418 428 By similarity.
FT DISULFID 424 437 By similarity.
FT DISULFID 439 452 By similarity.
FT DISULFID 726 739 By similarity.
FT DISULFID 735 754 By similarity.
FT DISULFID 756 769 By similarity.
FT CARBOHYD 169 199 N-linked (GlcNAc...) (Potential).
FT CARBOHYD 773 773 N-linked (GlcNAc...) (Potential).
SQ SEQUENCE 863 AA; 94904 MW; 0672A8748F9A2245 CRC64;

Query Match 19.1%; Score 286.5; DB 1; Length 863;
Best Local Similarity 38.4%; Pred. No. 3.3e-11;
Matches 63; Conservative 14; Mismatches 62; Indels 25; Gaps 7;

QY 12 WRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSPPTKFOCRTSGLCVPLT 71
DB 23 WALPRG-ALCLLLALGC-----LRTATGAKA-----KCESQFQC-SNGRCIPLL 67
QY 72 WCDRLDCSDGSDDEECRIEPTCQ-----KGQCPPPPGLPCPTCTGVSDCSGDTDKLR 125
DB 68 WKCDGEDCSDSDSASACVKKTCASDFVCNSGQCVFN---RWQCDGDPDCEDGSDESAE 124
QY 126 NCSRLACLAGELRC-TLSDDCIPLTWRCGHPCDPDSDELGCG 168
DB 125 LCHMTRCVRNEISCGSQSQSTQCIPIVSWKCDGKDCSDGEDENCG 168
RESULT 9
Q802V2 PRELIMINARY; PRT; 355 AA.
ID Q802V2 AC Q802V2
DT 01-JUN-2003 (TReMBLrel. 24, Created)
DT 01-JUN-2003 (TReMBLrel. 24, Last sequence update)
DT 01-OCT-2003 (TReMBLrel. 25, Last annotation update)
DE Zgc:55792 protein.
GN ORFNames=zgc:55792;
OS Brachydanio rerio (Zebrafish) (Danio rerio).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Actinopterygii; Neopterygii; Teleostei; Ostariophysi; Cypriniformes;
OC Cyprinidae; Danio.
OX NCBI_TaxID=7955;
RN [1]
RP SEQUENCE FROM N.A.
RC STRAIN=AB; TISSUE=Whole body;
RX MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G., Schuler G.D.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Uddin T.B., Toshiyuki S., Carninci P., Prange C.,
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullany S.J.,
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA Villalón D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahey J., Helton E., Kettman M., Madan A., Rodrigues S., Sanchez A.,
RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA Blakesley R.W., Touchman J.W., Green E.D., Dickinson M.C.,
RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,
RA Krzywinski M.I., Skalska U., Smailus D.E., Schnerch A., Schein J.E.,
RA Jones S.J., Marra M.A.;
RT "Generation and initial analysis of more than 15,000 full-length human
and mouse cDNA sequences.";
RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN [2]
RP SEQUENCE FROM N.A.
RC STRAIN=AB; TISSUE=Whole body;
RA Strausberg R.;
RL Submitted (FEB-2003) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC047187; AAH47187.1; -.
DR HSSP; P01130; 1AJJ.
DR ZFIN; ZDB-GENE-040426-803; zgc:55792.
DR InterPro; IPR002172; LDL receptor_A.
DR Pfam; PF00057; Ldl recept a; 8.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00192; LDLra; 8.
DR PROSITE; PS01209; LDLRA_1; 8.
DR PROSITE; PS00068; LDLRA_2; 8.
SQ SEQUENCE 355 AA; 39119 MW; ALF64D86B855651E CRC64;
Query Match 18.9%; Score 284.5; DB 2; Length 355;
Best Local Similarity 36.7%; Pred. No. 1.9e-11;
Matches 61; Conservative 16; Mismatches 60; Indels 29; Gaps 6;

QY 19 LALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSGS---CPPTKFOCRTSGLCVPLTWRC 75

```
Db 6 LGLLLLLL-----PVCFLMGFSRASRECSQSQFQC-GNGRCIPSVWQCD 49
Qy 76 RDLDCSDGSDDEECRIEPCFQ-----KGCCPPPPGLPCPCGTGSDCGSGGTDKKLRNCSR 129
Db 50 GDMDCSDGSDDETCVRKTCACVDFVCKSGQCIPK--RWQCDGFPDGDGSDSEIENCHT 106
Qy 130 LACLABELRCTL-SDDCIPITWRCDHPDPCDDSDGLGCGTNEILP 174
Db 107 RTRVNEFCVGVSTQCIPVFWKDGKDCDNGDEINCGNITCAP 152
```

RESULT 10

```
LDVR HUMAN
ID LDVR HUMAN STANDARD; PRT; 873 AA.
AC P98155;
DT 01-OCT-1996 (Rel. 34, Created)
DT 01-OCT-1996 (Rel. 34, Last sequence update)
DT 25-OCT-2004 (Rel. 45, Last annotation update)
DE Very low-density lipoprotein receptor precursor (VLDL receptor).
GN Name=VLDLR;
OS Homo sapiens (Human).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Skeletal muscle;
RX MEDLINE=94174378; PubMed=8128315;
RA Gafvels M.E., Caird M., Britt D., Jackson C.L., Patterson D.,
RA Straus J.F.;
RT "Cloning of a cDNA encoding a putative human very low density
RT lipoprotein/apolipoprotein B receptor and assignment of the gene to
RT chromosome 9pter-p23.";
RL Somat. Cell Mol. Genet. 19:557-569 (1993).
RN [2]
RP SEQUENCE FROM N.A.
RC TISSUE=Heart;
RX MEDLINE=94348496; PubMed=8069294;
RA Webb J.C., Patel D.D., Jones M.D., Knight B.L., Soutar A.K.;
RT "Characterization and tissue-specific expression of the human 'very
RT low density lipoprotein (VLDL) receptor' mRNA.";
RL Hum. Mol. Genet. 3:531-537 (1994).
RN [3]
RP SEQUENCE FROM N.A.
RX MEDLINE=94124575; PubMed=8294473;
RA Sakai J., Hoshino A., Takahashi S., Miura Y., Ishii H., Suzuki H.,
RA Kawarabayashi Y., Yamamoto T.;
RT "Structure, chromosome location, and expression of the human very low
RT density lipoprotein receptor gene.";
RL J. Biol. Chem. 269:2173-2182 (1994).
RN [4]
RP SEQUENCE FROM N.A.
RC TISSUE=Heart;
RX MEDLINE=94292216; PubMed=8020981;
RA Oka K., Tsung K.W., Sullivan M., Lindsay E., Baldini A., Chan L.;
RT "Human very-low-density lipoprotein receptor complementary DNA and
RT deduced amino acid sequence and localization of its gene (VLDLR) to
RT chromosome band 9p24 by fluorescence in situ hybridization.";
RL Genomics 20:298-300 (1994).
RN [5]
RP VARIANTS ILE-59 AND LYS-379.
RX MEDLINE=99318093; PubMed=10391209; DOI=10.1038/10290;
RA Cargill M., Altshuler D., Ireland J., Sklar P., Ardlie K., Patil N.,
RA Shaw N., Lane C.R., Lim E.P., Kalyanaram N., Nemesh J., Ziaugra L.,
RA Friedland L., Rolfe A., Warrington J., Lipshutz R., Daley G.Q.,
RA Lander E.S.;
RT "Characterization of single-nucleotide polymorphisms in coding regions
RT of human genes.";
RL Nat. Genet. 22:231-238 (1999).
RN [6]
RP ERRATUM.
RX PubMed=10545957;
```

```
RA Cargill M., Altshuler D., Ireland J., Sklar P., Ardlie K., Patil N.,
RA Shaw N., Lane C.R., Lim E.P., Kalyanaram N., Nemesh J., Ziaugra L.,
RA Friedland L., Rolfe A., Warrington J., Lipshutz R., Daley G.Q.,
RA Lander E.S.;
RL Nat. Genet. 23:373-373 (1999).
CC -1- FUNCTION: Binds VLDL and transports it into cells by endocytosis.
CC In order to be internalized, the receptor-ligand complexes must
CC first cluster into clathrin-coated pits. Binding to Reelin induces
CC tyrosine phosphorylation of Dab1 and modulation of Tau
CC phosphorylation (By similarity).
CC -1- SUBUNIT: Binds to the extracellular matrix protein Reelin (By
CC similarity). Interacts with DAB1.
CC -1- SUBCELLULAR LOCATION: Type I membrane protein.
CC -1- ALTERNATIVE PRODUCTS:
CC Event=Alternative splicing; Named isoforms=2;
CC Name=Long;
CC IsoId=P98155-1; Sequence=displayed;
CC Name=Short;
CC IsoId=P98155-2; Sequence=VSP_004304;
CC -1- TISSUE SPECIFICITY: Abundant in heart and skeletal muscle; also
CC ovary and kidney; not in liver.
CC -1- SIMILARITY: Contains 3 EGF-like domains.
CC -1- SIMILARITY: Contains 8 LDL-receptor class A domains.
CC -1- SIMILARITY: Contains 6 LDL-receptor class B domains.
CC -----
CC THIS SWISS-PROT entry is copyrighted. It is produced through a collaboration
CC between the Swiss Institute of Bioinformatics and the EMBL outstation -
CC the European Bioinformatics Institute. There are no restrictions on its
CC use by non-profit institutions as long as its content is in no way
CC modified and this statement is not removed. Usage by and for commercial
CC entities requires a license agreement (See http://www.isb-sib.ch/announce/
CC or send an email to license@isb-sib.ch).
CC -----
CC EMBL: L20470; AAA53684.1; -
CC EMBL: D16532; BAA03969.1; -
CC EMBL: D16495; BAA03969.1; JOINED.
CC EMBL: D16508; BAA03969.1; JOINED.
CC EMBL: D16510; BAA03969.1; JOINED.
CC EMBL: D16514; BAA03969.1; JOINED.
CC EMBL: D16516; BAA03969.1; JOINED.
CC EMBL: D16518; BAA03969.1; JOINED.
CC EMBL: D16520; BAA03969.1; JOINED.
CC EMBL: D16522; BAA03969.1; JOINED.
CC EMBL: D16523; BAA03969.1; JOINED.
CC EMBL: D16524; BAA03969.1; JOINED.
CC EMBL: D16525; BAA03969.1; JOINED.
CC EMBL: D16526; BAA03969.1; JOINED.
CC EMBL: D16527; BAA03969.1; JOINED.
CC EMBL: D16528; BAA03969.1; JOINED.
CC EMBL: D16529; BAA03969.1; JOINED.
CC EMBL: D16530; BAA03969.1; JOINED.
CC EMBL: D16531; BAA03969.1; JOINED.
CC EMBL: S73849; AAB31735.1; -
CC EMBL: D16493; BAA03945.1; -
CC EMBL: D16494; BAA03946.1; -
CC EMBL: L22431; AAA61344.1; -
CC PIR: A49729; A49729.
CC HSSP: P01130; 1AJJ.
CC Genew; HGNC:12698; VLDLR.
CC MIM; 192977; -
CC GO; GO:0005886; C:plasma membrane; TAS.
CC GO; GO:0005041; F:low-density lipoprotein receptor activity; TAS.
CC GO; GO:0007613; P:memory; TAS.
CC GO; GO:0007399; P:neurogenesis; TAS.
CC GO; GO:0007165; P:signal transduction; TAS.
CC InterPro; IPR000152; Asx_hydroxyl_S.
CC InterPro; IPR00742; EGF_2.
CC InterPro; IPR001881; EGF_like.
CC InterPro; IPR006209; EGF_like.
CC InterPro; IPR002172; LDL_receptor_A.
CC InterPro; IPR000033; Ldl_receptor_rep.
CC Pfam; PF00008; EGF; 2.
CC Pfam; PF00057; Ldl_recept_a; 8.
```


DR	PFAM: PF00058; Ldl recept b; 5.	QY	14	TCALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPS-SGSCPTKFKQCTSGLCVPLTW	72
DR	PRINTS; PR00261; LDLRECEPTOR.	DB	3	TSAL-WALWLLAL-----CWAPRESATGTGRKAKCEPQFQC-TNGRCITLLW	50
DR	SMART; SM00179; EGF_CA; 2.	QY	73	RCRDRLDCSDGSDBECEIRBPCTQ-----KQCQPPPLPCPTGTVSDSCSGTDKKLN	126
DR	SMART; SM00192; EGF_CA; 8.	DB	51	KCDGDEDCVDSDEKNCVKTKCAESDFVCNNGQCVPSS---RWKCDGDPDCGSDSDSPQ	107
DR	SMART; SM00135; LY; 5.	QY	127	CSRLACLAGELRCTLSDDCIPLTWRCGHDPDPSDDLGGGTNEILPE	175
DR	PROSITE; PS00010; ASX HYDROXYL; 2.	DB	108	CHMRTCRIHISCGAHSTQCIPVSWRCGENDCSDGDEENCGNTCSPD	157
DR	PROSITE; PS00022; EGF_1; FALSE_NEG.				
DR	PROSITE; PS01186; EGF_2; 3.				
DR	PROSITE; PS00026; EGF_3; 2.				
DR	PROSITE; PS01187; EGF_CA; 1.				
DR	PROSITE; PS01209; LDLRA_1; 8.				
DR	PROSITE; PS00068; LDLRA_2; 8.				
KW	Alternative splicing; Cholesterol metabolism; Coated pits;				
KW	EGF-like domain; Endocytosis; Glycoprotein; Lipid transport;				
KW	Polymorphism; Receptor; Repeat; Signal; Transmembrane; VLDL.				
FT	SIGNAL 1 27 Potential.				
FT	CHAIN 28 873 Very low-density lipoprotein receptor.				
FT	DOMAIN 28 797 Extracellular (Potential).				
FT	TRANSMEM 798 819 Potential.				
FT	DOMAIN 820 873 Cytoplasmic (Potential).				
FT	DOMAIN 31 69 LDL-receptor class A 1.				
FT	DOMAIN 70 110 LDL-receptor class A 2.				
FT	DOMAIN 111 151 LDL-receptor class A 3.				
FT	DOMAIN 152 190 LDL-receptor class A 4.				
FT	DOMAIN 191 231 LDL-receptor class A 5.				
FT	DOMAIN 237 275 LDL-receptor class A 6.				
FT	DOMAIN 276 314 LDL-receptor class A 7.				
FT	DOMAIN 316 355 LDL-receptor class A 8.				
FT	DOMAIN 356 395 EGF-like 1.				
FT	DOMAIN 396 435 EGF-like 2, calcium-binding (Potential).				
FT	REPEAT 439 480 LDL-receptor class B 1.				
FT	REPEAT 481 524 LDL-receptor class B 2.				
FT	REPEAT 525 567 LDL-receptor class B 3.				
FT	REPEAT 568 611 LDL-receptor class B 4.				
FT	REPEAT 612 654 LDL-receptor class B 5.				
FT	REPEAT 655 696 LDL-receptor class B 6.				
FT	DOMAIN 702 750 EGF-like 3.				
FT	DOMAIN 751 790 Clustered O-linked oligosaccharides.				
FT	SITE 832 837 Endocytosis signal (Potential).				
FT	DISULFID 33 45 By similarity.				
FT	DISULFID 40 58 By similarity.				
FT	DISULFID 52 67 By similarity.				
FT	DISULFID 72 84 By similarity.				
FT	DISULFID 79 97 By similarity.				
FT	DISULFID 91 108 By similarity.				
FT	DISULFID 113 127 By similarity.				
FT	DISULFID 120 140 By similarity.				
FT	DISULFID 134 149 By similarity.				
FT	DISULFID 154 166 By similarity.				
FT	DISULFID 161 179 By similarity.				
FT	DISULFID 173 188 By similarity.				
FT	DISULFID 193 205 By similarity.				
FT	DISULFID 200 218 By similarity.				
FT	DISULFID 212 229 By similarity.				
FT	DISULFID 239 251 By similarity.				
FT	DISULFID 246 264 By similarity.				
FT	DISULFID 258 273 By similarity.				
FT	DISULFID 278 290 By similarity.				
FT	DISULFID 285 303 By similarity.				
FT	DISULFID 297 312 By similarity.				
FT	DISULFID 318 331 By similarity.				
FT	DISULFID 326 344 By similarity.				
FT	DISULFID 338 355 By similarity.				
FT	DISULFID 360 371 By similarity.				
FT	DISULFID 367 380 By similarity.				
FT	DISULFID 382 394 By similarity.				
FT	DISULFID 400 410 By similarity.				
FT	DISULFID 406 419 By similarity.				
Query Match	18.7%; Score 280.5; DB 1; Length 873;				
Best Local Similarity	37.6%; Pred. No. 8.5e-11;				
Matches	64; Conservative 15; Mismatches 68; Indels 23; Gaps 7;				


```
DR Pfam; PF00057; Ldl_recept_a; 5.
DR Pfam; PF00058; Ldl_recept_b; 5.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00179; EGF CA; 2.
DR SMART; SM00192; LDLa; 5.
DR SMART; SM00135; LY; 5.
DR PROSITE; PS00010; ASX_HYDROXYL; 2.
DR PROSITE; PS01186; EGF_2; 3.
DR PROSITE; PS00026; EGF_3; 1.
DR PROSITE; PS01187; EGF CA; 1.
DR PROSITE; PS01209; LDLRA_1; 5.
DR PROSITE; PS01209; LDLRA_2; 5.
DR PROSITE; PS00068; LDLRA_1; 5.
DR PROSITE; PS00068; LDLRA_2; 5.
DR EGF-like domain; Lipoprotein; Receptor.
KW EGF-like domain; Lipoprotein; Receptor.
SQ SEQUENCE 752 AA; 82878 MW; 8ADE9030B57E6771 CRC64;

Query Match 18.6%; Score 280; DB 2; Length 752;
Best Local Similarity 38.6%; Pred. No. 7.9e-11;
Matches 66; Conservative 18; Mismatches 55; Indels 22; Gaps 8;

QY 14 TGALGLALLLLGLGLEAAASPLSTPTSAQAAGPS-SGSCPTTKFQCRTSGLCVPLTW 72
Db 3 TSAL-WALWLLAL-----CWAPRESGATGTGRKAKCEPSQFC-TNGRCITLLW 50

QY 73 RCDRLDCSGSDEECRIEFC-TQKQCPPPLPCP--CTGVSDCSGTDKLLNCSR 129
Db 51 KCDGEDVDGSDDELDCAPPTCGAHEFCQSTSCIPISWVCDDDDADCSQSDSLQCGR 110

QY 130 -----LACLAGELRLCTLSDCIPLTWRCDGHPDPCDSSDELGGTNEILPE 175
Db 111 QPVIHTKCPASEIQCG-SGECIHKKWRCDGDPDCKGSDVBNCPSTRCPD 160

RESULT 12
Q6S4M1 PRELIMINARY; PRT; 873 AA.
AC Q6S4M1; 2004 (TrEMBLrel. 27, Created)
DT 05-JUL-2004 (TrEMBLrel. 27, Last sequence update)
DT 05-JUL-2004 (TrEMBLrel. 27, Last sequence update)
DE Very low density lipoprotein receptor.
OS Macaca mulatta (Rhesus macaque).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Cercopitheciidae;
OC Cercopitheciinae; Macaca.
OX NCBI_TaxID=9544;
RN [1]
RP SEQUENCE FROM N.A.
RA Nomura S., Merched A., Oka K., Nour E., Dieker C., Fingold M.,
RA Beaudet A., Chan L.;
RL Submitted (NOV-2003) to the EMBL/GenBank/DBJ databases.
DR EMBL; AY466855; AAR83314.1; -.
DR HSSP; P01130; 1AJJ.
DR GO; GO:0016020; C:membrane; IEA.
DR GO; GO:0005509; F:calcium ion binding; IEA.
DR GO; GO:0004872; F:receptor activity; IEA.
DR InterPro; IPR000152; Asx_hydroxyl_S.
DR InterPro; IPR000742; EGF_2.
DR InterPro; IPR001881; EGF_CA.
DR InterPro; IPR006209; EGF_like.
DR InterPro; IPR006210; IEGF.
DR InterPro; IPR002172; LDL_receptor_A.
DR InterPro; IPR000033; Ldl_receptor_rep.
DR Pfam; PF00008; EGF; 1.
DR Pfam; PF07645; EGF CA; 1.
DR Pfam; PF00057; Ldl_recept_a; 8.
DR Pfam; PF00058; Ldl_recept_b; 5.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00181; EGF; 6.
DR SMART; SM00179; EGF CA; 2.
DR SMART; SM00192; LDLa; 8.
DR SMART; SM00135; LY; 5.
DR PROSITE; PS00010; ASX_HYDROXYL; 2.
DR PROSITE; PS01186; EGF_2; 3.
```

```
DR PROSITE; PS00026; EGF_3; 1.
DR PROSITE; PS01187; EGF CA; 1.
DR PROSITE; PS01209; LDLRA_1; 7.
DR PROSITE; PS00068; LDLRA_2; 8.
KW EGF-like domain; Lipoprotein; Receptor.
SQ SEQUENCE 873 AA; 96314 MW; 101F7DEA6E43EB1 CRC64;

Query Match 18.6%; Score 280; DB 2; Length 873;
Best Local Similarity 38.2%; Pred. No. 9.1e-11;
Matches 60; Conservative 14; Mismatches 61; Indels 22; Gaps 6;

QY 20 ALLLLGLGLGLEAAASPLSTPTSAQAAGPS-SGSCPTTKFQCRTSGLCVPLTWCRDRL 78
Db 8 ALWLLALL-----CWAPRESGATGTGRKAKCEPSQFC-TNGRCITLLWKCDGDE 56

QY 79 DCSGDSDEECRIEPTCQ-----KQCPCPPPLPCPCTGVSDCSGTDKLLNCSR 132
Db 57 DCVDSGDEKNCVKTKCAESDFVNCNQCVPN---RWKCDGDPDCEGSDSPQCHMRTC 113

QY 133 LAGELRCTL-SDCIPLTWRCDGHPDPCDSSDELGGC 168
Db 114 RINEISCAAHSTQCI PVSWRCDGENDCDSGEDENCG 150

RESULT 13
O42126 PRELIMINARY; PRT; 869 AA.
AC O42126; 1998 (TrEMBLrel. 05, Created)
DT 01-JAN-1998 (TrEMBLrel. 05, Last sequence update)
DT 01-JAN-1998 (TrEMBLrel. 05, Last sequence update)
DE Vitellogenin receptor.
OS Xenopus laevis (African clawed frog).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Amphibia; Batrachia; Anura; Mesobatrachia; Pipidae;
OC Xenopodinae; Xenopus.
OX NCBI_TaxID=8355;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Oocyte;
RX MEDLINE; 96295501; PubMed-8702402; DOI=10.1006/bbrc.1996.1040;
RA Okabayashi K., Shoji H., Nakamura T., Hashimoto O., Asashima M.,
RA Sugino H.;
RT "cDNA cloning and expression of the Xenopus laevis vitellogenin
RL receptor.";
RL Biochem. Biophys. Res. Commun. 224:406-413(1996).
RN [2]
RP SEQUENCE FROM N.A.
RC TISSUE=Oocyte;
RA Okabayashi K.;
RL Submitted (AUG-1997) to the EMBL/GenBank/DBJ databases.
DR EMBL; AB006906; BAA22145.1; -.
DR FIR; JC4858; JC4858.
DR HSSP; P01130; 1AJJ.
DR GO; GO:0016020; C:membrane; IEA.
DR GO; GO:0005509; F:calcium ion binding; IEA.
DR GO; GO:0004872; F:receptor activity; IEA.
DR InterPro; IPR000152; Asx_hydroxyl_S.
DR InterPro; IPR000742; EGF_2.
DR InterPro; IPR006210; IEGF.
DR InterPro; IPR001881; EGF_CA.
DR InterPro; IPR006209; EGF_like.
DR InterPro; IPR002172; LDL_receptor_A.
DR InterPro; IPR000033; Ldl_receptor_rep.
DR Pfam; PF00008; EGF; 1.
DR Pfam; PF07645; EGF CA; 1.
DR Pfam; PF00057; Ldl_recept_a; 8.
DR Pfam; PF00058; Ldl_recept_b; 5.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00179; EGF CA; 1.
DR SMART; SM00192; LDLa; 8.
DR SMART; SM00135; LY; 5.
DR PROSITE; PS00010; ASX_HYDROXYL; 2.
DR PROSITE; PS01186; EGF_2; 3.
```

```
DR PROSITE; PSS0026; EGF_3; 2.
DR PROSITE; PS01187; EGF_CA; 2.
DR PROSITE; PS01209; LDLRA_1; 8.
DR PROSITE; PS01209; LDLRA_2; 8.
DR PROSITE; PS01209; LDLRA_3; 8.
DR EGF-like domain; Receptor.
SQ SEQUENCE 869 AA; 96377 MW; A57A3B34072EB517 CRC64;

Query Match 18.5%; Score 278.5; DB 2; Length 869;
Best Local Similarity 33.3%; Pred. No. 1.1e-10;
Matches 70; Conservative 24; Mismatches 75; Indels 41; Gaps 8;

QY 11 AMRTGALGALLLLGL-----GLGLEAASPLSTPTSAQAAGSSGSCPTTFQKRTSGL 66
Db :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
4 SWR-----GVVLLLLLCFLYPLDLGLVHATYTL-----CEESQFQC-GNGR 43

QY 67 CVPLTWRCRDRLDCSDGSEDEECRIPCTQ-----KGQCPPLPGLPCTGTGVSQSGGT 120
Db :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
44 CITSLWKCDGEDCDSDGSESSCVKKTCAESDFVCRNGQCVPS---RWECDDGDPDCEDGS 100

QY 121 DKKLRCNSRLACLAGELRCTL--SDDCIPLTWRCDGHPDCPDSSDELGLCGTNEILPEGDAT 179
Db :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
101 DETPELCYMRCTCRATISGVRSTQCIPLSWKDGERDCANAEDEENCGNITCSPSEFTC 160

QY 180 TWGPPVTLSEVTSRLNATMG-----PP 202
Db :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
161 SSGRCISSTFVCGNQDCSDGSDVNCVPP 190

RESULT 14
QYQGV0 PRELIMINARY; PRT; 1444 AA.
AC QYQGV0;
DT 01-MAR-2004 (TREMBLrel. 26, Created)
DT 01-MAR-2004 (TREMBLrel. 26, Last sequence update)
DE AgCP10479 (Fragment).
GN Name=agCG47679; ORFNames=ENSANGS0000010045;
OS Anopheles gambiae str. PRST.
OC Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
OC Neoptera; Endopterygota; Diptera; Nematocera; Culicoidea; Anopheles.
OX NCBI_TaxID=180454;
RN [1]
RP SEQUENCE FROM N.A.
RC STRAIN=PRST;
RA Anopheles Genome Sequencing Consortium;
RL Submitted (MAR-2002) to the EMBL/GenBank/DBJ databases.
CC -!- CAUTION: The sequence shown here is derived from an
CC EMBL/GenBank/DBJ whole genome shotgun (WGS) entry which is
CC preliminary data.
DR EMBL; AAB0100823; EAA05574.1; -.
DR HSSP; Q07954; 1D2L.
DR GO; GO:0016020; C:membrane; IEA.
DR InterPro; IPR002860; Glyco_hydro_BNR.
DR InterPro; IPR002172; LDL_receptor_A.
DR InterPro; IPR000033; Ldl_receptor_rep.
DR InterPro; IPR011040; Sialidase.
DR Pfam; PF02012; BNR; 6.
DR Pfam; PF00057; Ldl_recept_a; 9.
DR Pfam; PF00058; Ldl_recept_b; 4.
DR PRINTS; PR00261; LDLRECEPTOR.
DR PROSITE; PS01209; LDLRA_1; 8.
DR PROSITE; PS01209; LDLRA_2; 9.
FT NON_TER 1
FT NON_TER 1444
SQ SEQUENCE 1444 AA; 162765 MW; 7B5282DE0650E62E CRC64;

Query Match 18.5%; Score 278.5; DB 2; Length 1444;
Best Local Similarity 40.3%; Pred. No. 1.9e-10;
Matches 54; Conservative 15; Mismatches 50; Indels 15; Gaps 4;

QY 46 AAGPSSGSCPTTFQKRTSGLCVPLTWRCRDRLDCSDGSEDEECRIEPC-----TQKQG 99
Db :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
1044 AAKP---ACPPHMTCKLQKQIPKHYLCDFDRCKDGSDEENCTPNCKTNEFTCDNGR 1100

QY 100 CPPPGLPCPTGVSDSGGTDKK---LRNCSRLACLAGELRCTLSDDCIPLTWRCDGHP 156
Db :|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
1101 CIK---LGMWCGEDDCRDGSDCKQKKNATLVECKADEFRCNVTNACLPNQWRCDTEK 1157

QY 157 DCPDSSDELGCCTN 170
Db :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
1158 DCPDGSDEANCCNN 1171

RESULT 15
QYNS01 PRELIMINARY; PRT; 869 AA.
AC QYNS01;
DT 05-JUL-2004 (TREMBLrel. 27, Created)
DT 05-JUL-2004 (TREMBLrel. 27, Last sequence update)
DE 05-JUL-2004 (TREMBLrel. 27, Last annotation update)
DE VLDLR protein.
GN Name=VLDLR;
OS Xenopus laevis (African clawed frog).
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidae; Pipidae;
OC Xenopodinae; Xenopus.
OX NCBI_TaxID=8355;
RN [1]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RX MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA Fahy J., Helton E., Kettman M., Madan A., Rodriguez S., Sanchez A.,
RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,
RA Krzywinski M.I., Skalska U., Smailus D.E., Schnerch A., Schein J.E.,
RA Jones S.J., Marra M.A.;
RT "Generation and initial analysis of more than 15,000 full-length human
RT and mouse cDNA sequences."
RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903 (2002).
RN [2]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RX MEDLINE=22341132; PubMed=12454917; DOI=10.1002/dvdy.10174;
RA Klein S.L., Strausberg R.L., Wagner L., Pontius J., Clifton S.W.,
RA Richardson P.;
RT "Genetic and genomic tools for Xenopus research: The NIH Xenopus
RT initiative";
RL Dev. Dyn. 225:384-391 (2002).
RN [3]
RP SEQUENCE FROM N.A.
RC TISSUE=Embryo;
RA Klein S., Strausberg R.;
RL Submitted (MAY-2004) to the EMBL/GenBank/DBJ databases.
DR EMBL; BC070552; AAH70552.1; -.
DR HSSP; P01130; 1AJJ.
DR GO; GO:0016020; C:membrane; IEA.
DR GO; GO:0005509; F:calcium ion binding; IEA.
DR InterPro; IPR000152; Asx_hydroxyl_S.
DR InterPro; IPR000742; EGF_2.
DR InterPro; IPR001881; EGF_Ca.
DR InterPro; IPR006209; EGF_like.
DR InterPro; IPR006210; IEGF.
DR InterPro; IPR002172; LDL_receptor_A.
DR InterPro; IPR000033; Ldl_receptor_rep.
```

```
DR Pfam; PF00008; EGF; 1.
DR Pfam; PF07645; EGF_CA; 1.
DR Pfam; PF00057; Ldl_recept_a; 8.
DR Pfam; PF00058; Ldl_recept_b; 5.
DR PRINTS; PR00261; LDLRECEPTOR.
DR SMART; SM00181; EGF_6.
DR SMART; SM00179; EGF_CA; 2.
DR SMART; SM00192; LDLa; 8.
DR SMART; SM00135; LY; 5.
DR PROSITE; PS00010; ASX_HYDROXYL; 2.
DR PROSITE; PS01186; EGF_2; 3.
DR PROSITE; PS50026; EGF_3; 2.
DR PROSITE; PS01187; EGF_CA; 2.
DR PROSITE; PS01209; LDLRA_1; 8.
DR PROSITE; PS50068; LDLRA_2; 8.
KW EGF-like domain.
SQ SEQUENCE 869 AA; 96275 MW; 232B982C275B27BD CRC64;

Query Match      18.5%; Score 277.5; DB 2; Length 869;
Best Local Similarity 33.3%; Pred. No. 1.3e-10;
Matches 70; Conservative 24; Mismatches 75; Indels 41; Gaps 8;

Qy 11 AWTGALGLALLLLGL-----GLGLEAAASPLSTPTSAQAAGPSSGSCPTKFCQRTSGL 66
Db 4 SWR-----GVVILLLLCFCLYDPLGLVHATTL-----CEESQFC-GNGR 43

Qy 67 CVPLTWRCRDRLDCSGDSEECRIEPTQ-----KGQCPPPPGLPCPCTGVSDCSGGT 120
Db 44 CITSLWKCDGEDDCSGDSESSCVKKTCAESDFVCRNGQCVPS---RWECGDPDCEDGS 100

Qy 121 DKKLNCRLACLAGELRCTL-SDDCIPLTWRCGHDPDPSDDELGCCTNEILPEGDAT 179
Db 101 DETPELCYMTCTCRATEIGCGVRSTQCIPLSWKCDGERDCANAEDEENCGNITCSPSEFTC 160

Qy 180 TMGPPVTVLESVTSIRNATTMG-----PP 202
Db 161 SSGRCISSTFVCGQNDGSDGSEVNCVPP 190
```

Search completed: June 29, 2005, 11:32:55
Job time : 147.089 secs

This Page Blank (uspio)

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:07:57 ; Search time 28.7906 Seconds
(without alignments)
731.178 Million cell updates/sec

Title: US-09-904-532B-127

Perfect score: 1503

Sequence: 1 MSGGMAQVGAWRTGALGLA.....GLLVAMKESLLLSQKTSLP 282

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : Issued Patents AA.*

1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PTCUS_COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1503	100.0	282	4	US-09-907-794A-127
2	1503	100.0	282	4	US-09-905-125A-127
3	1503	100.0	282	4	US-09-902-775A-127
4	1503	100.0	282	4	US-09-906-700-127
5	1503	100.0	282	4	US-09-808-847-1
6	1503	100.0	282	4	US-09-903-603A-127
7	1503	100.0	282	4	US-09-904-920A-127
8	1503	100.0	282	4	US-09-909-064-127
9	1503	100.0	282	4	US-09-905-381A-127
10	1503	100.0	282	4	US-09-906-618-127
11	342	22.8	132	4	US-09-148-545-147
12	296.5	19.7	904	4	US-09-949-016-9528
13	277.5	18.5	873	1	US-08-393-734-2
14	277.5	18.5	873	3	US-08-894-489-2
15	273.5	18.2	846	1	US-08-149-103-3
16	273.5	18.2	846	1	US-08-451-883-3
17	270.5	18.0	846	1	US-08-149-103-4
18	270.5	18.0	846	1	US-08-451-883-4
19	251	16.7	2362	4	US-09-949-016-8985
20	251	16.7	4544	1	US-08-469-486-52
21	251	16.7	4544	2	US-08-469-658-52
22	245	16.3	726	6	5208144-37
23	245	16.3	726	6	5208144-37
24	245	16.3	2214	1	US-08-727-034-7
25	245	16.3	2214	4	US-09-919-039-40
26	241	16.0	4654	3	US-08-476-515A-84
27	241	16.0	4655	3	US-08-652-877-84

28	241	16.0	4655	3	US-08-652-877-86	Sequence 86, Appl
29	241	16.0	4655	3	US-08-652-877-88	Sequence 88, Appl
30	241	16.0	4655	3	US-08-652-877-90	Sequence 90, Appl
31	237.5	15.8	1586	4	US-09-060-299-44	Sequence 44, Appl
32	237.5	15.8	1586	4	US-09-402-923A-44	Sequence 44, Appl
33	237.5	15.8	1614	4	US-09-060-239-42	Sequence 42, Appl
34	237.5	15.8	1614	4	US-09-402-923A-42	Sequence 42, Appl
35	236	15.7	2213	1	US-08-727-034-3	Sequence 3, Appl
36	228.5	15.2	1345	4	US-09-949-016-8313	Sequence 8313, Ap
37	227	15.1	4391	4	US-10-006-011A-2	Sequence 2, Appl
38	226.5	15.1	356	1	US-08-228-162-2	Sequence 2, Appl
39	226.5	15.1	860	1	US-08-092-817-4	Sequence 4, Appl
40	226.5	15.1	860	3	US-08-485-128-4	Sequence 4, Appl
41	226.5	15.1	860	4	US-09-804-778A-8	Sequence 8, Appl
42	226.5	15.1	860	4	US-09-824-637-4	Sequence 4, Appl
43	226.5	15.1	1074	2	US-08-470-058-2	Sequence 2, Appl
44	226.5	15.1	1074	3	US-09-037-188-2	Sequence 2, Appl
45	226.5	15.1	1074	3	US-09-285-310-2	Sequence 2, Appl
46	226.5	15.1	1410	2	US-08-470-058-4	Sequence 4, Appl
47	226.5	15.1	1410	3	US-09-037-188-4	Sequence 4, Appl
48	226.5	15.1	1410	3	US-09-285-310-4	Sequence 4, Appl
49	224.5	14.9	1451	4	US-09-060-299-25	Sequence 25, Appl
50	224.5	14.9	1451	4	US-09-402-923A-25	Sequence 25, Appl
51	224.5	14.9	1584	4	US-09-060-239-39	Sequence 39, Appl
52	224.5	14.9	1584	4	US-09-402-923A-39	Sequence 39, Appl
53	224.5	14.9	1591	4	US-09-060-299-4	Sequence 4, Appl
54	224.5	14.9	1591	4	US-09-402-923A-4	Sequence 4, Appl
55	224.5	14.9	1591	4	US-09-402-923A-43	Sequence 43, Appl
56	224.5	14.9	1591	4	US-09-060-299-3	Sequence 3, Appl
57	224.5	14.9	1615	4	US-09-402-923A-3	Sequence 3, Appl
58	224.5	14.9	1615	4	US-09-060-299-29	Sequence 29, Appl
59	224.5	14.9	1639	4	US-09-402-923A-29	Sequence 29, Appl
60	223.5	14.9	1615	4	US-09-544-398B-3	Sequence 3, Appl
61	223.5	14.9	1615	4	US-09-544-398B-4	Sequence 4, Appl
62	223.5	14.9	1615	4	US-09-544-398B-4	Sequence 4, Appl
63	223.5	14.9	1615	4	US-09-543-771B-3	Sequence 3, Appl
64	223.5	14.9	1615	4	US-09-543-771B-4	Sequence 4, Appl
65	219.5	14.6	943	3	US-08-476-515A-12	Sequence 12, Appl
66	219.5	14.6	944	3	US-08-652-877-12	Sequence 12, Appl
67	216	14.4	1113	4	US-09-959-392-4	Sequence 4, Appl
68	214	14.2	1621	4	US-09-949-016-8450	Sequence 8450, Ap
69	207.5	13.8	884	6	5208144-8	Patent No. 5208144
70	207.5	13.8	884	6	5208144-8	Patent No. 5208144
71	205.5	13.7	750	4	US-09-270-767-42975	Sequence 42975, A
72	201	13.4	159	6	5208144-35	Patent No. 5208144
73	201	13.4	159	6	5208144-35	Patent No. 5208144
74	201	13.4	1042	4	US-09-959-392-2	Sequence 2, Appl
75	198	13.2	158	4	US-09-270-767-32962	Sequence 32962, A
76	198	13.2	158	4	US-09-270-767-48179	Sequence 48179, A
77	194	12.9	137	4	US-09-270-767-32781	Sequence 32781, A
78	191	12.7	345	4	US-10-293-622-2	Sequence 2, Appl
79	190	12.6	161	4	US-10-293-622-4	Sequence 4, Appl
80	188.5	12.5	902	4	US-09-644-600-10	Sequence 10, Appl
81	188.5	12.5	902	4	US-09-654-600A-10	Sequence 10, Appl
82	183.5	12.2	806	4	US-09-949-016-7248	Sequence 7248, Ap
83	183	12.2	302	4	US-09-270-767-33326	Sequence 33326, A
84	183	12.2	302	4	US-09-270-767-48543	Sequence 48543, A
85	176.5	11.7	136	4	US-09-513-999C-4465	Sequence 4465, Ap
86	173.5	11.5	855	2	US-09-027-337-2	Sequence 2, Appl
87	173.5	11.5	855	4	US-09-644-600-2	Sequence 2, Appl
88	173.5	11.5	855	4	US-09-654-600A-2	Sequence 2, Appl
89	172.5	11.5	242	4	US-09-270-767-32046	Sequence 32046, A
90	160.5	10.7	473	4	US-09-949-016-7944	Sequence 7944, Ap
91	151	10.0	441	4	US-09-949-016-11196	Sequence 11196, A
92	140.5	9.3	277	2	US-08-147-784-2	Sequence 2, Appl
93	140.5	9.3	277	3	US-08-195-967-2	Sequence 2, Appl
94	140.5	9.3	277	3	US-09-006-353A-12	Sequence 12, Appl
95	140.5	9.3	277	3	US-08-472-940-2	Sequence 2, Appl
96	140.5	9.3	277	4	US-09-573-986-12	Sequence 12, Appl
97	140.5	9.3	277	4	US-09-880-939-2	Sequence 2, Appl
98	140.5	9.3	277	4	US-09-804-200-2	Sequence 2, Appl
99	140.5	9.3	652	2	US-08-751-305-2	Sequence 2, Appl
100	140	9.3	107	4	US-10-000-489-10	Sequence 10, Appl

101	140	9.3	107	4	US-10-000-489-12	Sequence 12, Appl	174	109.5	7.3	224	3	US-08-795-446B-50	Sequence 50, Appl
102	140	9.3	107	4	US-10-000-489-14	Sequence 14, Appl	175	109.5	7.3	224	3	US-08-706-945D-137	Sequence 137, App
103	140	9.3	107	4	US-10-000-489-16	Sequence 16, Appl	176	109.5	7.3	224	3	US-08-577-788C-51	Sequence 51, Appl
104	139.5	9.3	277	4	US-08-469-633A-4	Sequence 4, Appl	177	109.5	7.3	1940	2	US-08-644-271-30	Sequence 30, Appl
105	135.5	9.0	35	4	US-09-060-299-22	Sequence 22, Appl	178	109.5	7.3	1940	4	US-09-077-955-34	Sequence 2, Appl
106	135.5	9.0	35	4	US-09-402-923A-22	Sequence 22, Appl	179	109	7.3	259	3	US-09-006-353A-2	Sequence 2, Appl
107	135.5	9.0	37	4	US-09-060-299-18	Sequence 18, Appl	180	109	7.3	259	3	US-09-573-986-2	Sequence 3, Appl
108	135.5	9.0	37	4	US-09-402-923A-18	Sequence 18, Appl	181	109	7.3	259	3	US-09-153-927-3	Sequence 3, Appl
109	134.5	8.9	508	4	US-09-902-540-10562	Sequence 10562, A	182	109	7.3	259	4	US-09-134-618-4	Sequence 4, Appl
110	129.5	8.6	2254	4	US-09-949-016-9270	Sequence 9270, Ap	183	109	7.3	239	4	US-09-949-016-6422	Sequence 6422, Ap
111	127	8.4	298	4	US-09-902-540-12595	Sequence 12595, A	184	109	7.3	301	4	US-09-949-016-9189	Sequence 9189, Ap
112	125.5	8.3	291	4	US-09-270-767-45280	Sequence 45280, A	185	109	7.3	521	4	US-09-949-016-11081	Sequence 11081, A
113	125	8.3	737	4	US-09-866-028-15	Sequence 15, Appl	186	109	7.3	521	4	US-09-949-016-11082	Sequence 11082, A
114	125	8.3	737	4	US-09-944-457-15	Sequence 15, Appl	187	109	7.3	521	3	US-09-949-016-11083	Sequence 11083, A
115	123	8.2	39	4	US-09-060-299-17	Sequence 17, Appl	188	108.5	7.2	513	3	US-08-585-558A-18	Sequence 18, Appl
116	123	8.2	39	4	US-09-402-923A-17	Sequence 17, Appl	189	108.5	7.2	513	4	US-09-765-449-18	Sequence 18, Appl
117	122.5	8.2	427	3	US-09-086-483A-4	Sequence 4, Appl	190	108.5	7.2	571	4	US-09-949-016-10184	Sequence 10184, A
118	122.5	8.2	427	3	US-09-041-886-2	Sequence 2, Appl	191	108.5	7.2	2523	1	US-08-185-432-18	Sequence 18, Appl
119	122.5	8.2	427	3	US-09-006-353A-5	Sequence 5, Appl	192	108.5	7.2	2523	4	US-08-899-232-3	Sequence 3, Appl
120	122.5	8.2	427	4	US-09-573-986-5	Sequence 5, Appl	193	108.5	7.2	2523	4	US-09-121-457-3	Sequence 3, Appl
121	122.5	8.2	427	4	US-09-580-212-4	Sequence 4, Appl	194	108	7.2	303	1	US-08-109-391A-2	Sequence 2, Appl
122	122.5	8.2	427	4	US-09-769-402-4	Sequence 4, Appl	195	108	7.2	303	1	US-08-459-018A-2	Sequence 2, Appl
123	122.5	8.2	427	4	US-09-748-537-13	Sequence 13, Appl	196	108	7.2	303	2	US-08-460-428A-2	Sequence 2, Appl
124	122.5	8.2	427	4	US-10-092-138A-24	Sequence 24, Appl	197	108	7.2	303	3	US-08-458-860A-2	Sequence 2, Appl
125	122.5	8.2	427	4	US-09-949-016-6233	Sequence 6233, Ap	198	107.5	7.2	2199	5	US-08-793-273C-2	Sequence 2, Appl
126	122.5	8.2	455	3	US-09-527-236A-4	Sequence 4, Appl	199	107.5	7.2	2199	5	PCT-US95-11684-2	Sequence 2, Appl
127	122.5	8.2	455	4	US-09-756-854-4	Sequence 4, Appl	200	107.5	7.2	2200	4	US-09-796-575-2	Sequence 2, Appl
128	122.5	8.2	464	4	US-09-949-016-9441	Sequence 9441, Ap	201	107.5	7.2	2703	1	US-08-185-432-19	Sequence 19, Appl
129	118.5	7.9	515	4	US-09-902-540-16669	Sequence 16669, A	202	107.5	7.2	2703	4	US-08-899-232-4	Sequence 4, Appl
130	118	7.9	42	6	5208144-19	Patent No. 5208144	203	107.5	7.2	2703	4	US-09-121-457-4	Sequence 4, Appl
131	118	7.9	42	6	5208144-19	Patent No. 5208144	204	107	7.1	550	4	US-09-949-016-11512	Sequence 11512, A
132	118	7.9	348	3	US-09-071-709-2	Sequence 2, Appl	205	106.5	7.1	583	4	US-09-976-594-837	Sequence 837, App
133	118	7.9	529	4	US-09-742-201-2	Sequence 2, Appl	206	106	7.1	1404	2	US-08-400-159-2	Sequence 2, Appl
134	117	7.8	42	6	5208144-22	Patent No. 5208144	207	106	7.1	1404	3	US-08-611-729A-2	Sequence 2, Appl
135	117	7.8	42	6	5208144-22	Patent No. 5208144	208	106	7.1	1404	4	US-09-195-524-2	Sequence 2, Appl
136	116.5	7.8	197	4	US-08-505-606-1	Sequence 1, Appl	209	105.5	7.0	74	4	US-09-621-976-4087	Sequence 4087, Ap
137	116.5	7.8	197	4	US-09-000-166-1	Sequence 1, Appl	210	105.5	7.0	170	4	US-08-828-683A-14	Sequence 14, Appl
138	116.5	7.8	197	4	US-09-303-262-1	Sequence 1, Appl	211	105.5	7.0	170	4	US-09-523-323-57	Sequence 57, Appl
139	115.5	7.7	37	3	US-09-518-046-11	Sequence 11, Appl	212	104.5	7.0	28	4	US-09-959-392-27	Sequence 27, Appl
140	115	7.7	41	6	5208144-18	Patent No. 5208144	213	104.5	7.0	531	3	US-08-965-903B-2	Sequence 2, Appl
141	115	7.7	41	6	5208144-18	Patent No. 5208144	214	104.5	7.0	655	1	US-08-148-910-12	Sequence 12, Appl
142	113.5	7.6	798	1	US-08-200-900A-2	Sequence 2, Appl	215	104.5	7.0	655	1	US-08-448-937A-12	Sequence 12, Appl
143	113.5	7.6	798	4	US-08-794-042-2	Sequence 2, Appl	216	104	6.9	299	3	US-09-188-930-332	Sequence 332, App
144	113.5	7.6	798	5	PCT-US94-00616-2	Sequence 2, Appl	217	104	6.9	299	4	US-09-312-283C-192	Sequence 192, App
145	113	7.5	525	4	US-09-538-092-299	Sequence 299, App	218	104	6.9	299	4	US-09-312-283C-332	Sequence 332, App
146	112.5	7.5	294	3	US-09-518-046-4	Sequence 4, Appl	219	104	6.9	401	6	5252556-1	Patent No. 5252556
147	112.5	7.5	454	3	US-09-518-046-2	Sequence 2, Appl	220	104	6.9	401	6	5252556-1	Patent No. 5252556
148	112.5	7.5	455	3	US-09-261-416-2	Sequence 2, Appl	221	104	6.9	557	1	US-08-313-288B-16	Sequence 16, Appl
149	112	7.5	234	4	US-09-902-540-15175	Sequence 15175, A	222	104	6.9	560	2	US-08-559-492-5	Sequence 5, Appl
150	111.5	7.4	512	4	US-09-270-767-43154	Sequence 43154, A	223	104	6.9	560	4	US-09-949-016-10197	Sequence 10197, A
151	111.5	7.4	583	4	US-09-902-540-10714	Sequence 10714, A	224	103	6.9	348	1	US-08-468-847B-14	Sequence 14, Appl
152	111	7.4	469	1	US-08-313-288B-15	Sequence 15, Appl	225	103	6.9	415	3	US-09-006-353A-6	Sequence 6, Appl
153	111	7.4	484	4	US-09-949-016-9698	Sequence 9698, Ap	226	103	6.9	415	4	US-09-573-986-6	Sequence 6, Appl
154	111	7.4	484	4	US-09-949-016-11382	Sequence 11382, A	227	103	6.9	583	4	US-09-641-612-2	Sequence 2, Appl
155	111	7.4	1540	4	US-09-949-016-11382	Sequence 11383, A	228	103	6.9	1765	4	US-09-562-702A-16	Sequence 16, Appl
156	111	7.4	1540	4	US-09-949-016-11383	Sequence 11383, A	229	103	6.9	1765	4	US-09-561-818A-16	Sequence 16, Appl
157	111	7.4	1719	2	US-08-459-568-4	Sequence 4, Appl	230	103	6.9	1786	4	US-09-562-702A-14	Sequence 14, Appl
158	111	7.4	1719	3	US-08-399-411-4	Sequence 4, Appl	231	103	6.9	1786	4	US-09-561-818A-14	Sequence 14, Appl
159	111	7.4	1719	3	US-08-516-859A-4	Sequence 4, Appl	232	103	6.9	1786	4	US-09-561-709B-9	Sequence 9, Appl
160	111	7.4	1719	3	US-09-586-472-4	Sequence 4, Appl	233	103	6.9	1786	4	US-09-538-092-869	Sequence 869, App
161	110.5	7.4	235	4	US-09-528-706-4	Sequence 4, Appl	234	102.5	6.8	1036	3	US-09-068-740A-6	Sequence 6, Appl
162	110.5	7.4	613	4	US-09-902-540-15031	Sequence 15031, A	235	102.5	6.8	1067	4	US-09-579-536C-18	Sequence 18, Appl
163	110.5	7.4	2508	4	US-09-627-550B-7	Sequence 9993, Ap	236	102.5	6.8	1187	3	US-09-068-740A-7	Sequence 7, Appl
164	110.5	7.4	2508	4	US-09-436-063C-7	Sequence 7, Appl	237	102.5	6.8	1208	4	US-09-199-865-1	Sequence 1, Appl
165	110.5	7.4	2544	4	US-09-627-650B-3	Sequence 3, Appl	238	102.5	6.8	1208	4	US-10-213-329-1	Sequence 1, Appl
166	110.5	7.4	2544	4	US-09-436-063C-3	Sequence 3, Appl	239	102.5	6.8	1218	4	US-08-400-159-6	Sequence 6, Appl
167	110.5	7.4	2601	4	US-09-627-650B-9	Sequence 9, Appl	240	102.5	6.8	1218	3	US-08-611-729A-6	Sequence 2, Appl
168	110.5	7.4	2601	4	US-09-436-063C-9	Sequence 9, Appl	241	102.5	6.8	1218	3	US-08-882-046-2	Sequence 2, Appl
169	110	7.3	1964	3	US-09-467-997-1	Sequence 1, Appl	242	102.5	6.8	1218	3	US-09-214-278-7	Sequence 7, Appl
170	109.5	7.3	224	3	US-08-974-022-50	Sequence 50, Appl	243	102.5	6.8	1218	4	US-09-068-740A-11	Sequence 11, Appl
171	109.5	7.3	224	3	US-08-795-445A-50	Sequence 50, Appl	244	102.5	6.8	1218	4	US-09-855-722-7	Sequence 7, Appl
172	109.5	7.3	224	3	US-08-795-447A-50	Sequence 50, Appl	245	102.5	6.8	1218	4	US-09-566-047-2	Sequence 2, Appl
173	109.5	7.3	224	3	US-08-974-186-50	Sequence 50, Appl	246	102.5	6.8	1218	4	US-09-917-254-85	Sequence 85, Appl

247	102.5	6.8	1218	4	US-09-195-524-6	Sequence 6, Appli	320	97.5	6.5	1148	3	US-08-882-046-4	Sequence 4, Appli
248	102.5	6.8	1218	4	US-09-579-536C-1	Sequence 1, Appli	321	97.5	6.5	1148	4	US-09-566-047-4	Sequence 4, Appli
249	102.5	6.8	1218	4	US-09-949-016-9630	Sequence 5802, Ap	322	97.5	6.5	1169	4	US-09-949-016-9630	Sequence 9630, Ap
250	102.5	6.8	1219	3	US-08-882-046-5	Sequence 5, Appli	323	97	6.5	721	4	US-09-949-016-11031	Sequence 11031, A
251	102.5	6.8	1219	3	US-09-566-047-5	Sequence 5, Appli	324	97	6.5	3084	4	US-09-562-702A-12	Sequence 12, Appl
252	102.5	6.8	1254	4	US-09-949-016-10297	Sequence 10297, A	325	97	6.5	3106	4	US-09-562-702A-10	Sequence 10, Appl
253	102	6.8	422	4	US-09-949-016-8251	Sequence 8251, Ap	326	96.5	6.4	36	4	US-09-060-299-20	Sequence 20, Appl
254	102	6.8	425	4	US-09-748-537-14	Sequence 14, Appl	327	96.5	6.4	36	4	US-09-402-923A-20	Sequence 20, Appl
255	102	6.8	430	4	US-09-949-016-8782	Sequence 8782, Ap	328	96.5	6.4	1104	2	US-08-327-832-5	Sequence 5, Appli
256	102	6.8	1171	1	US-08-445-135-1	Sequence 1, Appli	329	96.5	6.4	1104	2	US-08-828-584-5	Sequence 5, Appli
257	102	6.8	1251	5	PCT-US95-02251-3	Sequence 3, Appli	330	96.5	6.4	1248	3	US-08-882-046-6	Sequence 6, Appli
258	102	6.8	1252	1	US-08-199-780-3	Sequence 3, Appli	331	96.5	6.4	1248	4	US-09-566-047-6	Sequence 6, Appli
259	102	6.8	1252	2	US-08-316-650-3	Sequence 3, Appli	332	96.5	6.4	2732	4	US-09-086-436-30	Sequence 30, Appl
260	102	6.8	1706	2	US-08-459-568-2	Sequence 2, Appli	333	96	6.4	211	3	US-09-286-529-20	Sequence 20, Appl
261	102	6.8	1706	2	US-08-399-411-2	Sequence 2, Appli	334	96	6.4	348	3	US-09-292-036-3	Sequence 3, Appli
262	102	6.8	1706	3	US-08-516-859A-2	Sequence 2, Appli	335	96	6.4	383	1	US-08-597-135-2	Sequence 2, Appli
263	102	6.8	1706	3	US-08-586-472-2	Sequence 2, Appli	336	96	6.4	383	1	US-08-457-135-2	Sequence 2, Appli
264	102	6.8	1706	4	US-09-528-706-2	Sequence 2, Appli	337	96	6.4	383	4	US-09-142-027A-12	Sequence 12, Appl
265	102	6.8	2556	1	US-08-185-432-17	Sequence 17, Appl	338	96	6.4	735	3	US-09-131-647-9	Sequence 9, Appli
266	102	6.8	2556	1	US-08-083-590A-20	Sequence 20, Appl	339	96	6.4	735	3	US-09-540-245A-9	Sequence 9, Appli
267	102	6.8	2556	3	US-08-532-384-20	Sequence 20, Appl	340	96	6.4	735	3	US-09-540-153-9	Sequence 9, Appli
268	102	6.8	2556	4	US-08-899-232-2	Sequence 2, Appli	341	96	6.4	1065	2	US-08-400-159-8	Sequence 8, Appli
269	102	6.8	2556	4	US-09-131-457-2	Sequence 2, Appli	342	96	6.4	2594	3	US-08-718-388-7	Sequence 7, Appli
270	101	6.7	186	1	US-08-089-458B-6	Sequence 6, Appli	343	95.5	6.4	299	3	US-09-286-529-17	Sequence 17, Appl
271	101	6.7	306	4	US-09-252-991A-23169	Sequence 23169, A	344	95.5	6.4	642	4	US-09-949-016-8043	Sequence 8043, Ap
272	101	6.7	1497	4	US-09-060-854B-2	Sequence 2, Appli	345	95.5	6.4	713	3	US-08-872-855-5	Sequence 5, Appli
273	101	6.7	1497	4	US-09-529-904-3	Sequence 3, Appli	346	95.5	6.4	1055	3	US-09-214-278-2	Sequence 2, Appli
274	101	6.7	1761	4	US-09-561-709B-1	Sequence 1, Appli	347	95.5	6.4	1055	4	US-09-855-722-2	Sequence 2, Appli
275	100.5	6.7	257	4	US-09-252-991A-31869	Sequence 31869, A	348	95.5	6.4	1212	3	US-09-214-278-3	Sequence 3, Appli
276	100.5	6.7	392	4	US-09-764-325A-23	Sequence 23, Appl	349	95.5	6.4	1212	4	US-09-855-722-3	Sequence 3, Appli
277	100.5	6.7	392	4	US-09-764-325A-25	Sequence 25, Appl	350	95.5	6.4	1257	3	US-08-611-729A-8	Sequence 8, Appli
278	100.5	6.7	392	4	US-09-912-935-23	Sequence 23, Appl	351	95.5	6.4	1257	4	US-09-195-524-8	Sequence 1, Appli
279	100.5	6.7	392	4	US-09-912-935-25	Sequence 25, Appl	352	95.5	6.4	1652	4	US-09-627-650B-1	Sequence 1, Appli
280	100.5	6.7	499	4	US-09-912-935-31	Sequence 31, Appl	353	95.5	6.4	1652	4	US-09-436-063C-1	Sequence 1, Appli
281	100.5	6.7	529	4	US-09-912-935-28	Sequence 28, Appl	354	95.5	6.4	2088	4	US-09-548-372D-13	Sequence 13, Appl
282	100.5	6.7	529	4	US-09-912-935-40	Sequence 40, Appl	355	95.5	6.4	2088	4	US-09-548-367D-13	Sequence 13, Appl
283	100.5	6.7	584	1	US-08-313-288B-17	Sequence 17, Appl	356	95.5	6.4	2088	4	US-09-551-853D-13	Sequence 13, Appl
284	100.5	6.7	614	4	US-09-949-016-8536	Sequence 8536, Ap	357	95.5	6.4	2088	4	US-09-548-376D-13	Sequence 13, Appl
285	100.5	6.7	1010	3	US-08-882-046-7	Sequence 7, Appli	358	95.5	6.4	2088	4	US-09-548-373D-13	Sequence 13, Appl
286	100.5	6.7	1010	4	US-09-566-047-7	Sequence 7, Appli	359	95.5	6.4	2088	4	US-09-548-366F-13	Sequence 13, Appl
287	100.5	6.7	1388	4	US-09-463-048A-6	Sequence 6, Appli	360	95.5	6.4	2088	4	US-09-548-368D-13	Sequence 13, Appl
288	100.5	6.7	2321	4	US-09-230-652-2	Sequence 2, Appli	361	95	6.3	300	2	US-08-794-796-2	Sequence 2, Appli
289	100	6.7	683	4	US-09-620-412C-357	Sequence 357, App	362	95	6.3	300	4	US-09-632-277A-2	Sequence 2, Appli
290	100	6.7	683	4	US-09-598-419-357	Sequence 357, App	363	95	6.3	300	4	US-09-523-323-52	Sequence 52, Appl
291	100	6.7	5405	3	US-08-718-388-9	Sequence 9, Appli	364	95	6.3	300	4	US-09-896-096A-1	Sequence 1, Appli
292	99.5	6.6	265	4	US-09-903-456-77	Sequence 77, Appl	365	95	6.3	300	4	US-09-936-019-3	Sequence 3, Appli
293	99.5	6.6	289	4	US-09-902-540-12179	Sequence 12179, A	366	95	6.3	333	4	US-09-949-016-7678	Sequence 7678, Ap
294	99.5	6.6	1656	4	US-09-949-016-7247	Sequence 7247, Ap	367	95	6.3	835	3	US-09-284-819-6	Sequence 6, Appli
295	99.5	6.6	1821	4	US-09-949-016-5938	Sequence 5938, Ap	368	95	6.3	835	4	US-09-282-537-12	Sequence 12, Appl
296	99	6.6	277	4	US-09-270-767-46430	Sequence 46430, A	369	95	6.3	835	4	US-09-631-603-9	Sequence 9, Appli
297	99	6.6	438	1	US-08-097-827-11	Sequence 11, Appl	370	95	6.3	1128	4	US-09-627-650B-11	Sequence 11, Appl
298	99	6.6	438	1	US-08-494-574-11	Sequence 11, Appl	371	95	6.3	1128	4	US-09-436-063C-11	Sequence 11, Appl
299	99	6.6	1253	3	US-08-479-722B-4	Sequence 4, Appli	372	95	6.3	1345	2	US-08-977-767-3	Sequence 3, Appli
300	99	6.6	1253	4	US-09-592-685-4	Sequence 4, Appli	373	95	6.3	1725	4	US-09-562-702A-20	Sequence 20, Appl
301	99	6.6	1461	4	US-10-142-231-86	Sequence 86, Appl	374	95	6.3	1725	4	US-09-561-818A-20	Sequence 20, Appl
302	98.5	6.6	299	3	US-09-188-930-192	Sequence 188, App	375	95	6.3	1786	4	US-09-562-702A-18	Sequence 18, Appl
303	98.5	6.6	347	4	US-09-582-337-2	Sequence 2, Appli	376	95	6.3	1786	4	US-09-561-818A-18	Sequence 18, Appl
304	98.5	6.6	1171	4	US-09-560-385A-36	Sequence 36, Appl	377	95	6.3	1789	4	US-09-845-583A-6	Sequence 6, Appli
305	98.5	6.6	1192	4	US-09-560-385A-34	Sequence 34, Appl	378	95	6.3	176	4	US-09-252-991A-21933	Sequence 21933, A
306	98.5	6.6	1358	1	US-08-404-665-4	Sequence 4, Appli	379	94.5	6.3	206	1	US-08-097-827-7	Sequence 7, Appli
307	98.5	6.6	1358	1	US-08-404-671-4	Sequence 4, Appli	380	94.5	6.3	206	1	US-08-494-574-7	Sequence 7, Appli
308	98.5	6.6	1358	1	US-08-404-740-4	Sequence 4, Appli	381	94.5	6.3	321	4	US-09-270-767-59848	Sequence 59848, A
309	98	6.5	458	4	US-09-902-540-12664	Sequence 12664, A	382	94.5	6.3	324	4	US-09-949-016-9782	Sequence 9782, Ap
310	98	6.5	2471	1	US-08-185-432-16	Sequence 16, Appl	383	94.5	6.3	347	3	US-09-187-478-2	Sequence 2, Appli
311	98	6.5	2471	1	US-08-083-590A-19	Sequence 19, Appl	384	94.5	6.3	347	3	US-09-292-036-2	Sequence 2, Appli
312	98	6.5	2471	3	US-08-532-384-19	Sequence 19, Appl	385	94.5	6.3	357	1	US-08-468-847B-17	Sequence 17, Appl
313	98	6.5	2471	4	US-08-899-232-1	Sequence 1, Appli	386	94.5	6.3	357	3	US-09-253-316-25	Sequence 25, Appl
314	98	6.5	2471	4	US-09-121-457-1	Sequence 1, Appli	387	94.5	6.3	433	4	US-09-270-767-44417	Sequence 44417, A
315	97.5	6.5	281	3	US-08-652-877-7	Sequence 7, Appli	388	94.5	6.3	515	4	US-09-635-872A-6	Sequence 6, Appli
316	97.5	6.5	281	3	US-08-476-515A-7	Sequence 7, Appli	389	94.5	6.3	515	4	US-09-636-077A-6	Sequence 6, Appli
317	97.5	6.5	437	4	US-09-252-991A-25331	Sequence 25331, A	390	94.5	6.3	515	4	US-09-636-060C-6	Sequence 6, Appli
318	97.5	6.5	786	3	US-09-103-429A-3	Sequence 3, Appli	391	94.5	6.3	515	4	US-09-986-552-6	Sequence 6, Appli
319	97.5	6.5	1130	4	US-09-538-092-834	Sequence 834, App	392	94.5	6.3	515	4	US-09-636-596C-6	Sequence 6, Appli

393	94.5	6.3	515	4	US-10-023-894-18	Sequence 18, Appl	466	92.5	6.2	970	4	US-09-949-016-10131	Sequence 10131, A
394	94.5	6.3	515	4	US-10-306-686-6	Sequence 6, Appl	467	92.5	6.2	2123	4	US-09-949-016-7517	Sequence 7517, Ap
395	94.5	6.3	516	4	US-09-252-991A-16754	Sequence 16754, A	468	92.5	6.2	2353	3	US-08-984-709A-50	Sequence 50, Appl
396	94	6.3	189	4	US-09-252-991A-18839	Sequence 18839, A	469	92.5	6.2	3070	4	US-09-961-403-7	Sequence 7, Appl
397	94	6.3	256	1	US-08-236-181A-6	Sequence 6, Appl	470	92.5	6.2	3088	4	US-09-562-702A-8	Sequence 8, Appl
398	94	6.3	256	3	US-09-150-864A-6	Sequence 6, Appl	471	92.5	6.2	3089	4	US-09-562-702A-4	Sequence 4, Appl
399	94	6.3	256	3	US-08-012-269A-2	Sequence 2, Appl	472	92.5	6.2	3110	4	US-09-562-702A-6	Sequence 2, Appl
400	94	6.3	256	3	US-09-623-545A-3	Sequence 3, Appl	473	92.5	6.2	3110	4	US-09-561-709B-7	Sequence 7, Appl
401	94	6.3	256	5	PCT-US96-0396S-2	Sequence 2, Appl	474	92.5	6.2	3110	4	US-09-917-254-86	Sequence 86, Appl
402	94	6.3	319	3	US-08-630-172-12	Sequence 12, Appl	475	92.5	6.2	3110	4	US-09-949-016-5937	Sequence 5937, Ap
403	94	6.3	319	3	US-09-375-419-12	Sequence 12, Appl	476	92.5	6.2	3111	2	US-08-460-309-4	Sequence 4, Appl
404	94	6.3	345	4	US-09-461-912A-43	Sequence 43, Appl	477	92.5	6.2	3111	2	US-08-125-077-4	Sequence 4, Appl
405	94	6.3	345	4	US-09-949-016-6164	Sequence 6164, Ap	478	92.5	6.2	3111	2	US-08-125-077-4	Sequence 2, Appl
406	94	6.3	702	3	US-09-068-740A-4	Sequence 4, Appl	479	92.5	6.2	3635	4	US-09-845-583A-2	Sequence 2, Appl
407	94	6.3	723	3	US-09-068-740A-9	Sequence 9, Appl	480	92.5	6.2	3647	4	US-09-949-016-10932	Sequence 10932, A
408	94	6.3	723	3	US-09-423-753-27	Sequence 27, Appl	481	92	6.1	282	4	US-09-461-912A-38	Sequence 38, Appl
409	94	6.3	1238	3	US-09-214-778-5	Sequence 5, Appl	482	92	6.1	326	1	PCT-US91-02207-4	Sequence 4, Appl
410	94	6.3	1238	3	US-09-855-722-5	Sequence 5, Appl	483	92	6.1	326	5	PCT-US91-02207-4	Sequence 131, App
411	93.5	6.2	35	4	US-09-060-299-21	Sequence 21, Appl	484	92	6.1	344	4	US-09-904-615-131	Sequence 11, Appl
412	93.5	6.2	35	4	US-09-402-523A-21	Sequence 21, Appl	485	92	6.1	351	3	US-09-245-041-11	Sequence 11, Appl
413	93.5	6.2	43	6	5208144-27	Sequence 2, Appl	486	92	6.1	351	4	US-09-358-055B-11	Sequence 11, Appl
414	93.5	6.2	43	6	5208144-27	Patent No. 5208144	487	92	6.1	351	4	US-09-893-238-11	Sequence 11, Appl
415	93.5	6.2	349	1	US-08-167-628-2	Sequence 2, Appl	488	92	6.1	478	5	PCT-US95-08493-15	Sequence 15, Appl
416	93.5	6.2	349	1	US-08-386-680-2	Sequence 2, Appl	489	92	6.1	868	5	PCT-US95-08493-21	Sequence 21, Appl
417	93.5	6.2	349	1	US-08-459-717-2	Sequence 2, Appl	490	92	6.1	868	5	PCT-US95-08493-21	Sequence 12, Appl
418	93.5	6.2	349	1	US-08-712-302-2	Sequence 2, Appl	491	91.5	6.1	35	3	US-09-518-046-12	Sequence 12, Appl
419	93.5	6.2	349	2	US-08-880-031-2	Sequence 2, Appl	492	91.5	6.1	175	4	US-09-252-991A-29157	Sequence 29157, A
420	93.5	6.2	349	3	US-09-054-368-2	Sequence 2, Appl	493	91.5	6.1	301	4	US-09-902-540-11985	Sequence 14, Appl
421	93.5	6.2	349	3	US-09-097-179-2	Sequence 2, Appl	494	91.5	6.1	398	4	US-09-612-033B-14	Sequence 8, Appl
422	93.5	6.2	349	3	US-09-054-274-2	Sequence 2, Appl	495	91.5	6.1	424	3	US-09-333-593A-8	Sequence 5, Appl
423	93.5	6.2	349	3	US-09-080-715-2	Sequence 2, Appl	496	91.5	6.1	475	4	US-09-270-767-46207	Sequence 46207, A
424	93.5	6.2	349	3	US-09-086-704-2	Sequence 2, Appl	497	91.5	6.1	483	3	US-09-049-672A-5	Sequence 5, Appl
425	93.5	6.2	349	3	US-09-252-036-4	Sequence 4, Appl	498	91.5	6.1	571	4	US-09-902-540-16194	Sequence 16194, A
426	93.5	6.2	349	3	US-09-253-316-26	Sequence 26, Appl	499	91.5	6.1	788	4	US-09-294-663-3	Sequence 3, Appl
427	93.5	6.2	349	4	US-09-142-569-8	Sequence 8, Appl	500	91.5	6.1	1073	4	US-09-949-016-9771	Sequence 9771, Ap
428	93.5	6.2	349	4	US-09-461-688-2	Sequence 2, Appl	501	91.5	6.1	1101	4	US-09-561-709B-5	Sequence 5, Appl
429	93.5	6.2	349	4	US-09-495-448A-8	Sequence 8, Appl	502	91.5	6.1	1111	1	US-08-317-450B-15	Sequence 15, Appl
430	93.5	6.2	349	4	US-09-949-016-5141	Sequence 6141, Ap	503	91.5	6.1	1111	3	US-08-800-593-15	Sequence 15, Appl
431	93.5	6.2	349	5	PCT-US96-08140-2	Sequence 2, Appl	504	91.5	6.1	1172	4	US-09-560-385A-28	Sequence 28, Appl
432	93.5	6.2	385	1	US-08-597-545-1	Sequence 1, Appl	505	91.5	6.1	1172	4	US-09-560-385A-32	Sequence 32, Appl
433	93.5	6.2	385	1	US-08-457-135-1	Sequence 1, Appl	506	91.5	6.1	1193	1	US-08-317-450B-13	Sequence 13, Appl
434	93.5	6.2	385	4	US-09-142-027A-10	Sequence 10, Appl	507	91.5	6.1	1193	3	US-08-800-593-13	Sequence 13, Appl
435	93.5	6.2	561	2	US-08-559-492-12	Sequence 12, Appl	508	91.5	6.1	1193	4	US-09-560-385A-26	Sequence 26, Appl
436	93.5	6.2	721	3	US-08-872-855-7	Sequence 7, Appl	509	91.5	6.1	1193	4	US-09-560-385A-30	Sequence 30, Appl
437	93.5	6.2	915	1	US-08-346-455B-69	Sequence 69, Appl	510	91.5	6.1	1342	4	US-09-561-709B-13	Sequence 13, Appl
438	93.5	6.2	915	3	US-08-977-221-69	Sequence 69, Appl	511	91	6.1	233	4	US-09-902-540-14590	Sequence 14590, A
439	93.5	6.2	915	4	US-09-483-831B-69	Sequence 69, Appl	512	91	6.1	264	4	US-09-949-016-11555	Sequence 11555, A
440	93.5	6.2	915	5	PCT-US95-06613-69	Sequence 69, Appl	513	91	6.1	311	3	US-08-911-423-8	Sequence 74, Appl
441	93.5	6.2	999	4	US-09-747-371-2	Sequence 2, Appl	514	91	6.1	325	4	US-09-599-360B-74	Sequence 74, Appl
442	93.5	6.2	1587	4	US-09-845-583A-10	Sequence 10, Appl	515	91	6.1	610	4	US-09-538-092-1378	Sequence 1378, Ap
443	93.5	6.2	1587	4	US-09-561-709B-3	Sequence 3, Appl	516	91	6.1	827	4	US-09-248-796A-17307	Sequence 17307, A
444	93.5	6.2	1935	4	US-09-949-016-10403	Sequence 10403, A	517	91	6.1	889	5	PCT-US93-11725-2	Sequence 2, Appl
445	93.5	6.2	2871	4	US-09-538-092-1076	Sequence 1076, Ap	518	91	6.1	1529	4	US-09-312-283C-396	Sequence 396, App
446	93	6.2	35	3	US-09-518-046-13	Sequence 13, Appl	519	91	6.1	2050	2	US-08-347-594A-2	Sequence 2, Appl
447	93	6.2	273	4	US-09-252-991A-22218	Sequence 22218, A	520	91	6.1	2813	4	US-09-381-261A-1	Sequence 1, Appl
448	93	6.2	348	1	US-08-468-847B-15	Sequence 15, Appl	521	90.5	6.0	36	4	US-09-060-299-19	Sequence 19, Appl
449	93	6.2	348	4	US-09-142-569-6	Sequence 6, Appl	522	90.5	6.0	36	4	US-09-402-923A-19	Sequence 19, Appl
450	93	6.2	348	4	US-09-495-448A-6	Sequence 6, Appl	523	90.5	6.0	205	3	US-08-974-022-51	Sequence 51, Appl
451	93	6.2	443	2	US-08-833-963C-2	Sequence 2, Appl	524	90.5	6.0	205	3	US-08-795-445A-51	Sequence 51, Appl
452	93	6.2	443	3	US-08-980-514-1	Sequence 1, Appl	525	90.5	6.0	205	3	US-08-795-447A-51	Sequence 51, Appl
453	93	6.2	466	4	US-09-949-016-7792	Sequence 7792, Ap	526	90.5	6.0	205	3	US-08-974-186-51	Sequence 51, Appl
454	93	6.2	615	4	US-09-270-767-45755	Sequence 45755, A	527	90.5	6.0	205	3	US-08-795-446B-51	Sequence 51, Appl
455	93	6.2	723	4	US-09-641-612-6	Sequence 6, Appl	528	90.5	6.0	205	3	US-08-706-945D-138	Sequence 138, App
456	93	6.2	816	2	US-08-820-170A-37	Sequence 37, Appl	529	90.5	6.0	293	4	US-09-949-016-7945	Sequence 7945, Ap
457	93	6.2	816	3	US-09-055-699-37	Sequence 37, Appl	530	90.5	6.0	491	4	US-09-949-016-7840	Sequence 7840, Ap
458	93	6.2	816	3	US-09-273-565-37	Sequence 37, Appl	531	90.5	6.0	750	3	US-09-165-239A-4	Sequence 4, Appl
459	93	6.2	816	3	US-09-565-538-37	Sequence 37, Appl	532	90.5	6.0	5179	4	US-09-538-092-1258	Sequence 1258, Ap
460	93	6.2	816	3	US-09-661-468-37	Sequence 37, Appl	533	90.5	6.0	258	4	US-09-270-767-43579	Sequence 43579, A
461	93	6.2	816	4	US-09-976-165-37	Sequence 37, Appl	534	90	6.0	258	4	US-09-949-016-8423	Sequence 8423, Ap
462	93	6.2	1193	2	US-08-400-159-10	Sequence 10, Appl	535	90	6.0	578	3	US-08-981-392-13	Sequence 13, Appl
463	93	6.2	1193	3	US-08-611-729A-10	Sequence 10, Appl	536	90	6.0	578	4	US-09-908-322-13	Sequence 13, Appl
464	93	6.2	1193	4	US-09-195-524-10	Sequence 10, Appl	537	90	6.0	772	4	US-09-252-991A-30446	Sequence 30446, A
465	92.5	6.2	910	4	US-09-902-540-10793	Sequence 10793, A	538	90	6.0	833	1	US-08-264-534-6	Sequence 6, Appl

539	90	6.0	833	1	US-08-083-590A-2	Sequence 2, Appli	612	88.5	5.9	291	4	US-09-614-124B-333	Sequence 333, App
540	90	6.0	833	1	US-08-465-500-6	Sequence 6, Appli	613	88.5	5.9	291	4	US-09-671-325-333	Sequence 333, App
541	90	6.0	833	2	US-08-346-126-6	Sequence 6, Appli	614	88.5	5.9	291	4	US-09-589-184-333	Sequence 333, App
542	90	6.0	833	2	US-08-346-128-6	Sequence 6, Appli	615	88.5	5.9	291	4	US-09-658-824-333	Sequence 333, App
543	90	6.0	833	3	US-08-532-384-2	Sequence 2, Appli	616	88.5	5.9	291	6	5212074-5	Patent No. 5212074
544	90	6.0	833	3	US-08-893-828-6	Sequence 6, Appli	617	88.5	5.9	291	6	5212074-5	Patent No. 5212074
545	90	6.0	868	1	US-08-374-874-1	Sequence 1, Appli	618	88.5	5.9	426	4	US-09-252-991A-18298	Sequence 18298, A
546	90	6.0	868	2	US-08-644-271-1	Sequence 1, Appli	619	88.5	5.9	427	4	US-09-902-540-10191	Sequence 10191, A
547	90	6.0	868	4	US-09-077-955-1	Sequence 1, Appli	620	88.5	5.9	453	4	US-09-686-583B-12	Sequence 12, Appl
548	90	6.0	1429	3	US-09-245-041-130	Sequence 130, App	621	88.5	5.9	494	4	US-09-248-796A-16546	Sequence 16546, A
549	90	6.0	1917	4	US-09-358-055B-131	Sequence 131, App	622	88.5	5.9	575	4	US-09-949-016-11264	Sequence 11264, A
550	90	6.0	1917	4	US-09-627-650B-5	Sequence 5, Appli	623	88.5	5.9	575	4	US-09-949-016-11265	Sequence 11265, A
551	90	6.0	1917	4	US-09-436-063C-5	Sequence 5, Appli	624	88.5	5.9	575	4	US-09-949-016-11266	Sequence 11266, A
552	89.5	6.0	169	3	US-08-476-509B-28	Sequence 28, Appl	625	88.5	5.9	595	2	US-09-949-016-11267	Sequence 11267, A
553	89.5	6.0	202	4	US-08-577-788C-52	Sequence 52, Appl	626	88.5	5.9	595	2	US-08-232-087A-2	Sequence 2, Appli
554	89.5	6.0	210	4	US-09-252-991A-31903	Sequence 31903, A	627	88.5	5.9	595	3	US-09-006-353A-9	Sequence 9, Appli
555	89.5	6.0	513	2	US-08-480-229C-14	Sequence 14, Appl	628	88.5	5.9	595	4	US-09-573-986-9	Sequence 9, Appli
556	89.5	6.0	513	2	US-08-659-235C-14	Sequence 14, Appl	629	88.5	5.9	595	4	US-09-949-016-6048	Sequence 6048, Ap
557	89.5	6.0	770	4	US-09-252-991A-30323	Sequence 30323, A	630	88.5	5.9	634	4	US-09-902-540-10050	Sequence 10050, A
558	89.5	6.0	814	3	US-09-813-819-4	Sequence 4, Appli	631	88.5	5.9	657	4	US-09-949-016-11365	Sequence 11365, A
559	89.5	6.0	814	3	US-09-920-048-4	Sequence 4, Appli	632	88.5	5.9	657	4	US-09-949-016-11366	Sequence 11366, A
560	89.5	6.0	814	4	US-10-014-501-4	Sequence 4, Appli	633	88.5	5.9	657	4	US-09-949-016-11367	Sequence 11367, A
561	89.5	6.0	830	3	US-08-872-855-11	Sequence 11, Appl	634	88.5	5.9	657	4	US-09-949-016-11368	Sequence 11368, A
562	89.5	6.0	855	3	US-09-813-819-2	Sequence 2, Appli	635	88.5	5.9	677	4	US-09-949-016-11369	Sequence 11369, A
563	89.5	6.0	855	3	US-09-920-048-2	Sequence 2, Appli	636	88.5	5.9	677	4	US-09-949-016-11370	Sequence 11370, A
564	89.5	6.0	855	4	US-10-014-501-2	Sequence 2, Appli	637	88.5	5.9	677	4	US-09-949-016-11371	Sequence 11371, A
565	89.5	6.0	970	2	US-08-673-789-7	Sequence 7, Appli	638	88.5	5.9	677	4	US-09-949-016-11372	Sequence 11372, A
566	89.5	6.0	1148	4	US-09-949-016-6798	Sequence 6798, Ap	639	88.5	5.9	1854	4	US-09-949-016-11625	Sequence 11625, A
567	89.5	6.0	1235	4	US-09-949-016-8455	Sequence 8455, Ap	640	88.5	5.9	2205	1	US-08-093-453B-2	Sequence 2, Appli
568	89.5	6.0	1235	4	US-09-949-016-8456	Sequence 8456, Ap	641	88	5.9	171	4	US-09-252-991A-29708	Sequence 29708, A
569	89	5.9	148	3	US-08-882-907-15	Sequence 15, Appl	642	88	5.9	200	4	US-09-252-991A-22497	Sequence 22497, A
570	89	5.9	148	4	US-10-032-658-15	Sequence 15, Appl	643	88	5.9	227	4	US-09-252-991A-22497	Sequence 22497, A
571	89	5.9	187	4	US-09-905-125A-96	Sequence 96, Appl	644	88	5.9	234	4	US-09-512-363-2	Sequence 2, Appli
572	89	5.9	210	4	US-09-248-796A-14270	Sequence 14270, A	645	88	5.9	234	4	US-09-915-593-28	Sequence 28, Appl
573	89	5.9	440	3	US-09-252-991A-22446	Sequence 22446, A	646	88	5.9	234	4	US-09-949-016-7232	Sequence 7232, Ap
574	89	5.9	440	4	US-08-883-036A-2	Sequence 2, Appli	647	88	5.9	241	3	US-09-902-540-12633	Sequence 6, Appli
575	89	5.9	440	4	US-09-536-201-2	Sequence 2, Appli	648	88	5.9	241	3	US-09-134-618-6	Sequence 145, App
576	89	5.9	490	4	US-09-578-392-2	Sequence 2, Appli	649	88	5.9	241	4	US-09-800-729-145	Sequence 932, App
577	89	5.9	490	4	US-09-907-794A-96	Sequence 96, Appl	650	88	5.9	241	4	US-09-759-143-932	Sequence 932, App
578	89	5.9	490	4	US-09-905-125A-96	Sequence 96, Appl	651	88	5.9	263	4	US-09-949-016-11730	Sequence 11730, A
579	89	5.9	490	4	US-09-902-775A-96	Sequence 96, Appl	652	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
580	89	5.9	490	4	US-09-906-700-96	Sequence 96, Appl	653	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
581	89	5.9	490	4	US-09-903-603A-96	Sequence 96, Appl	654	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
582	89	5.9	490	4	US-09-904-920A-96	Sequence 96, Appl	655	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
583	89	5.9	490	4	US-09-909-064-96	Sequence 96, Appl	656	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
584	89	5.9	490	4	US-09-905-381A-96	Sequence 96, Appl	657	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
585	89	5.9	595	1	US-09-906-618-96	Sequence 96, Appl	658	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
586	89	5.9	595	1	US-08-225-989-2	Sequence 2, Appli	659	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
587	89	5.9	595	1	US-08-570-923-2	Sequence 2, Appli	660	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
588	89	5.9	595	3	US-08-580-014-2	Sequence 2, Appli	661	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
589	89	5.9	595	4	US-09-079-785-2	Sequence 2, Appli	662	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
590	89	5.9	595	4	US-09-921-667-6	Sequence 6, Appli	663	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
591	89	5.9	717	3	US-09-628-126-2	Sequence 2, Appli	664	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
592	89	5.9	832	3	US-08-872-855-9	Sequence 9, Appli	665	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
593	89	5.9	832	3	US-08-981-392-6	Sequence 6, Appli	666	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
594	89	5.9	861	1	US-09-908-322-6	Sequence 6, Appli	667	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
595	89	5.9	861	3	US-08-346-455B-67	Sequence 67, Appl	668	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
596	89	5.9	861	4	US-08-977-321-67	Sequence 67, Appl	669	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
597	89	5.9	861	5	US-09-483-831B-67	Sequence 67, Appl	670	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
598	89	5.9	1239	2	PCT-US95-06613-67	Sequence 67, Appl	671	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
599	89	5.9	1239	3	US-08-937-931-2	Sequence 2, Appli	672	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
600	89	5.9	1239	3	US-09-285-502-2	Sequence 2, Appli	673	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
601	89	5.9	1239	3	US-09-709-126-2	Sequence 2, Appli	674	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
602	89	5.9	3075	2	US-09-871-385A-2	Sequence 2, Appli	675	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
603	89	5.9	3075	2	US-08-460-309-5	Sequence 5, Appli	676	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
604	89	5.9	3623	4	US-08-125-077-5	Sequence 5, Appli	677	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
605	88.5	5.9	38	6	US-09-341-461-2	Sequence 2, Appli	678	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
606	88.5	5.9	38	6	5208144-23	Patent No. 5208144	679	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
607	88.5	5.9	233	4	US-09-216-393B-110	Sequence 110, App	680	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
608	88.5	5.9	258	4	US-09-252-991A-20810	Sequence 20810, A	681	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
609	88.5	5.9	291	1	US-08-488-847B-19	Sequence 19, Appl	682	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
610	88.5	5.9	291	4	US-09-702-705-333	Sequence 333, App	683	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap
611	88.5	5.9	291	4	US-09-736-457-333	Sequence 333, App	684	88	5.9	263	4	US-09-949-016-8500	Sequence 8500, Ap

685	87.5	5.8	420	4	US-09-906-700-109	Sequence 109, App	758	86	5.7	77	1	US-08-083-590A-14	Sequence 14, Appli
686	87.5	5.8	420	4	US-09-903-603A-109	Sequence 109, App	759	86	5.7	77	1	US-08-465-500-1	Sequence 1, Appli
687	87.5	5.8	420	4	US-09-904-520A-109	Sequence 109, App	760	86	5.7	77	1	US-08-346-126-1	Sequence 1, Appli
688	87.5	5.8	420	4	US-09-909-064-109	Sequence 109, App	761	86	5.7	77	2	US-08-346-128-1	Sequence 14, Appli
689	87.5	5.8	420	4	US-09-905-381A-109	Sequence 109, App	762	86	5.7	77	3	US-08-532-384-14	Sequence 1, Appli
690	87.5	5.8	420	4	US-09-906-618-109	Sequence 109, App	763	86	5.7	77	3	US-08-893-828-1	Sequence 1, Appli
691	87.5	5.8	425	4	US-09-912-935-35	Sequence 35, Appli	764	86	5.7	109	1	US-08-485-359-4	Sequence 4, Appli
692	87.5	5.8	805	3	US-09-103-429A-4	Sequence 4, Appli	765	86	5.7	109	1	US-08-569-594-4	Sequence 4, Appli
693	87.5	5.8	908	4	US-08-714-741-44	Sequence 44, Appli	766	86	5.7	109	5	PCT-US96-08815-4	Sequence 4, Appli
694	87.5	5.8	1083	1	US-08-296-014A-2	Sequence 2, Appli	767	86	5.7	136	2	US-08-560-098A-59	Sequence 59, Appli
695	87.5	5.8	1083	2	US-08-596-405-2	Sequence 2, Appli	768	86	5.7	175	4	US-09-252-991A-21648	Sequence 3, Appli
696	87.5	5.8	1083	2	US-08-877-620-2	Sequence 2, Appli	769	86	5.7	520	3	US-09-068-740A-3	Sequence 3, Appli
697	87.5	5.8	1083	4	US-09-287-368-2	Sequence 2, Appli	770	86	5.7	575	1	US-08-261-206A-59	Sequence 2, Appli
698	87.5	5.8	1083	4	US-09-626-795-2	Sequence 2, Appli	771	86	5.7	575	4	US-09-880-484D-2	Sequence 2, Appli
699	87.5	5.8	1400	3	US-08-630-915A-37	Sequence 37, Appli	772	86	5.7	575	4	US-10-438-648-2	Sequence 4, Appli
700	87.5	5.8	1400	3	US-09-879-957-37	Sequence 37, Appli	773	86	5.7	593	1	US-07-668-648-4	Sequence 4, Appli
701	87.5	5.8	1724	4	US-09-560-385A-2	Sequence 2, Appli	774	86	5.7	593	2	US-08-429-998-4	Sequence 4, Appli
702	87	5.8	165	4	US-09-706-722A-10	Sequence 10, Appli	775	86	5.7	593	2	US-08-431-333-4	Sequence 4, Appli
703	87	5.8	263	4	US-09-902-540-14119	Sequence 14119, A	776	86	5.7	593	5	PCT-US91-02321-4	Sequence 4, Appli
704	87	5.8	288	3	US-09-335-409-18	Sequence 18, Appli	777	86	5.7	605	4	US-09-976-594-616	Sequence 616, App
705	87	5.8	288	3	US-09-335-409-19	Sequence 19, Appli	778	86	5.7	633	4	US-09-349-016-9775	Sequence 9775, Ap
706	87	5.8	288	3	US-09-568-102-18	Sequence 18, Appli	779	86	5.7	631	4	US-09-252-991A-20063	Sequence 20063, A
707	87	5.8	288	3	US-09-568-102-19	Sequence 19, Appli	780	86	5.7	1015	1	US-08-537-210A-1	Sequence 1, Appli
708	87	5.8	288	3	US-09-567-969-18	Sequence 18, Appli	781	86	5.7	1015	3	US-09-113-825-1	Sequence 1, Appli
709	87	5.8	288	3	US-09-567-969-19	Sequence 19, Appli	782	85.5	5.7	166	4	US-09-482-273-238	Sequence 238, App
710	87	5.8	288	3	US-09-568-480-18	Sequence 18, Appli	783	85.5	5.7	196	3	US-08-981-392-35	Sequence 35, Appli
711	87	5.8	288	3	US-09-568-480-19	Sequence 19, Appli	784	85.5	5.7	196	4	US-09-308-322-35	Sequence 6, Appli
712	87	5.8	288	3	US-09-568-486-18	Sequence 18, Appli	785	85.5	5.7	228	3	US-08-911-423-6	Sequence 3, Appli
713	87	5.8	288	3	US-09-568-486-19	Sequence 19, Appli	786	85.5	5.7	317	3	US-09-141-027-3	Sequence 3, Appli
714	87	5.8	288	3	US-09-568-472-18	Sequence 18, Appli	787	85.5	5.7	317	4	US-09-617-804-3	Sequence 4, Appli
715	87	5.8	288	3	US-09-568-472-19	Sequence 19, Appli	788	85.5	5.7	457	1	US-08-264-101-4	Sequence 4, Appli
716	87	5.8	288	3	US-09-567-899-18	Sequence 18, Appli	789	85.5	5.7	457	2	US-08-765-243-4	Sequence 4, Appli
717	87	5.8	288	3	US-09-567-899-19	Sequence 19, Appli	790	85.5	5.7	457	5	PCT-US95-07295-4	Sequence 4, Appli
718	87	5.8	288	4	US-09-091-952A-4	Sequence 4, Appli	791	85.5	5.7	564	4	US-10-069-540A-2	Sequence 2, Appli
719	87	5.8	306	4	US-09-091-952A-3	Sequence 3, Appli	792	85.5	5.7	575	1	US-08-312-870-1	Sequence 1, Appli
720	87	5.8	335	4	US-09-252-991A-32163	Sequence 32163, A	793	85.5	5.7	575	1	US-08-170-290A-54	Sequence 54, Appli
721	87	5.8	492	3	US-09-342-749-2	Sequence 2, Appli	794	85.5	5.7	575	6	5466668-6	Patent No. 5466668
722	87	5.8	492	4	US-09-631-840-2	Sequence 2, Appli	795	85.5	5.7	575	6	5466668-6	Patent No. 5466668
723	87	5.8	510	4	US-09-949-016-11074	Sequence 11074, A	796	85.5	5.7	735	2	US-08-765-243-6	Sequence 6, Appli
724	87	5.8	593	3	US-08-931-862-17	Sequence 17, Appli	797	85.5	5.7	735	5	PCT-US95-07295-6	Sequence 6, Appli
725	87	5.8	593	4	US-09-813-156-17	Sequence 17, Appli	798	85.5	5.7	886	3	US-09-110-116-3	Sequence 3, Appli
726	87	5.8	593	4	US-09-456-886-17	Sequence 17, Appli	799	85.5	5.7	886	4	US-09-631-603-14	Sequence 14, Appli
727	87	5.8	593	4	US-09-824-647-17	Sequence 17, Appli	800	85.5	5.7	3594	4	US-09-911-842A-4	Sequence 4, Appli
728	87	5.8	739	1	US-08-054-077C-2	Sequence 2, Appli	801	85	5.7	38	6	5208144-21	Patent No. 5208144
729	87	5.8	1525	3	US-09-151-647-2	Sequence 2, Appli	802	85	5.7	38	6	5208144-21	Patent No. 5208144
730	87	5.8	1525	3	US-09-540-245A-2	Sequence 2, Appli	803	85	5.7	155	4	US-09-352-991A-20281	Sequence 20281, A
731	87	5.8	1525	3	US-09-540-153-2	Sequence 2, Appli	804	85	5.7	180	4	US-09-612-033B-10	Sequence 10, Appli
732	86.5	5.8	38	6	5208144-25	Patent No. 5208144	805	85	5.7	245	4	US-09-252-991A-30445	Sequence 30445, A
733	86.5	5.8	38	6	5208144-25	Patent No. 5208144	806	85	5.7	245	1	US-08-482-271-3	Sequence 3, Appli
734	86.5	5.8	181	4	US-09-252-991A-26978	Sequence 26978, A	807	85	5.7	264	1	US-08-482-271-4	Sequence 4, Appli
735	86.5	5.8	251	4	US-09-902-340-10049	Sequence 10049, A	808	85	5.7	264	2	US-08-854-811-45	Sequence 45, Appli
736	86.5	5.8	251	4	US-09-252-991A-29632	Sequence 29632, A	809	85	5.7	264	3	US-09-080-120A-2	Sequence 2, Appli
737	86.5	5.8	260	3	US-09-006-353A-8	Sequence 8, Appli	810	85	5.7	264	4	US-09-322-484-1	Sequence 1, Appli
738	86.5	5.8	260	4	US-09-573-986-8	Sequence 8, Appli	811	85	5.7	264	4	US-09-089-062-1	Sequence 1, Appli
739	86.5	5.8	260	4	US-09-949-016-6047	Sequence 6047, Ap	812	85	5.7	264	5	PCT-US95-08925-2	Sequence 2, Appli
740	86.5	5.8	291	3	US-09-080-120A-7	Sequence 7, Appli	813	85	5.7	397	4	US-09-252-991A-26857	Sequence 26857, A
741	86.5	5.8	291	5	PCT-US95-08925-7	Sequence 7, Appli	814	85	5.7	432	4	US-09-685-166A-895	Sequence 895, App
742	86.5	5.8	335	4	US-09-949-016-8585	Sequence 8585, Ap	815	85	5.7	432	4	US-09-679-426-895	Sequence 895, App
743	86.5	5.8	572	6	5256770-7	Patent No. 5256770	816	85	5.7	432	4	US-09-759-143-895	Sequence 38, Appli
744	86.5	5.8	572	6	5256770-7	Patent No. 5256770	817	85	5.7	432	4	US-09-912-935-38	Sequence 38, Appli
745	86.5	5.8	720	3	US-08-872-855-4	Sequence 4, Appli	818	85	5.7	530	4	US-09-912-935-38	Sequence 3, Appli
746	86.5	5.8	722	3	US-08-981-392-12	Sequence 12, Appli	819	85	5.7	633	4	US-09-949-016-11734	Sequence 11734, A
747	86.5	5.8	722	3	US-09-908-322-12	Sequence 12, Appli	820	85	5.7	937	4	US-09-747-371-3	Sequence 24, Appli
748	86.5	5.8	729	3	US-08-872-855-8	Sequence 8, Appli	821	85	5.7	1155	4	US-09-560-385A-24	Sequence 24, Appli
749	86.5	5.8	961	4	US-09-657-472-4	Sequence 4, Appli	822	85	5.7	1167	4	US-09-360-385A-20	Sequence 16, Appli
750	86.5	5.8	961	5	PCT-US93-11725-4	Sequence 4, Appli	823	85	5.7	1172	4	US-09-919-172-16	Sequence 22, Appli
751	86.5	5.8	1155	4	US-09-949-016-10125	Sequence 10125, A	824	85	5.7	1174	4	US-09-560-385A-18	Sequence 18, Appli
752	86.5	5.8	1155	4	US-09-949-016-10126	Sequence 10126, A	825	85	5.7	1186	4	US-09-560-385A-22	Sequence 22, Appli
753	86.5	5.8	1713	3	US-08-600-382-24	Sequence 24, Appli	826	84.5	5.6	28	4	US-09-959-392-28	Sequence 28, Appli
754	86.5	5.8	1713	4	US-09-560-385A-6	Sequence 6, Appli	827	84.5	5.6	74	3	US-08-679-493A-33	Sequence 33, Appli
755	86.5	5.8	1713	4	US-09-538-092-1359	Sequence 1359, Ap	828	84.5	5.6	292	6	5258287-24	Patent No. 5258287
756	86.5	5.8	1713	5	PCT-US94-10261A-24	Sequence 24, Appli	829	84.5	5.6	292	6	5258287-24	Patent No. 5258287
757	86	5.7	77	1	US-08-264-534-1	Sequence 1, Appli	830	84.5	5.6	322	4	US-09-252-991A-31608	Sequence 31608, A

831	84.5	5.6	375	1	US-08-468-847B-13	Sequence 13, Appl	904	83.5	5.6	718	1	US-08-445-042-4	Sequence 4, Appl
832	84.5	5.6	375	4	US-09-495-448A-33	Sequence 33, Appl	905	83.5	5.6	771	3	US-09-188-930-183	Sequence 183, App
833	84.5	5.6	417	4	US-09-949-016-11097	Sequence 11097, A	906	83.5	5.6	784	4	US-09-949-016-9467	Sequence 9467, Ap
834	84.5	5.6	417	4	US-09-949-016-11098	Sequence 11098, A	907	83.5	5.6	788	2	US-07-728-215-32	Sequence 32, Appl
835	84.5	5.6	518	1	US-08-385-229-4	Sequence 4, Appl	908	83.5	5.6	788	3	US-08-938-085A-32	Sequence 32, Appl
836	84.5	5.6	518	4	US-09-579-845-1	Sequence 1, Appl	909	83.5	5.6	788	3	US-09-409-648-3	Sequence 3, Appl
837	84.5	5.6	518	4	US-09-579-845-3	Sequence 3, Appl	910	83.5	5.6	788	3	US-09-409-648-4	Sequence 4, Appl
838	84.5	5.6	550	4	US-09-949-016-9758	Sequence 9758, Ap	911	83.5	5.6	788	4	US-10-072-844-32	Sequence 32, Appl
839	84.5	5.6	573	3	US-09-042-785A-2	Sequence 2, Appl	912	83.5	5.6	788	4	US-10-072-838-32	Sequence 32, Appl
840	84.5	5.6	788	2	US-07-728-215-27	Sequence 27, Appl	913	83.5	5.6	788	4	US-10-072-841A-32	Sequence 32, Appl
841	84.5	5.6	788	3	US-08-938-085A-27	Sequence 27, Appl	914	83.5	5.6	788	4	US-09-054-272-8	Sequence 8, Appl
842	84.5	5.6	788	4	US-10-072-844-27	Sequence 27, Appl	915	83.5	5.6	788	4	US-09-054-272-44	Sequence 44, Appl
843	84.5	5.6	788	4	US-10-072-838-27	Sequence 27, Appl	916	83.5	5.6	788	4	US-10-219-631A-32	Sequence 32, Appl
844	84.5	5.6	788	4	US-10-072-841A-27	Sequence 27, Appl	917	83.5	5.6	788	4	US-09-949-016-5901	Sequence 5901, Ap
845	84.5	5.6	788	4	US-10-219-631A-27	Sequence 27, Appl	918	83	5.5	29	4	US-09-959-392-26	Sequence 26, Appl
846	84.5	5.6	802	4	US-09-632-098-2	Sequence 2, Appl	919	83	5.5	143	4	US-09-270-767-33302	Sequence 33302, A
847	84.5	5.6	802	4	US-10-177-308-2	Sequence 2, Appl	920	83	5.5	143	4	US-09-270-767-48519	Sequence 48519, A
848	84.5	5.6	869	4	US-09-252-931A-16746	Sequence 16746, A	921	83	5.5	157	3	US-08-872-855-6	Sequence 6, Appl
849	84.5	5.6	996	4	US-09-495-016-8254	Sequence 8254, Ap	922	83	5.5	180	4	US-09-489-039A-12312	Sequence 12312, A
850	84.5	5.6	1153	4	US-09-560-385A-16	Sequence 16, Appl	923	83	5.5	203	4	US-09-059-625-88	Sequence 88, Appl
851	84.5	5.6	1170	4	US-09-561-709B-12	Sequence 12, Appl	924	83	5.5	222	4	US-09-897-772-2	Sequence 2, Appl
852	84.5	5.6	1170	4	US-09-560-385A-14	Sequence 14, Appl	925	83	5.5	296	1	US-08-428-926-2	Sequence 2, Appl
853	84.5	5.6	1384	3	US-08-976-255-11	Sequence 11, Appl	926	83	5.5	296	1	US-08-435-434-5	Sequence 5, Appl
854	84.5	5.6	1394	4	US-09-949-016-5971	Sequence 5971, Ap	927	83	5.5	296	1	US-08-435-436-5	Sequence 5, Appl
855	84.5	5.6	1394	6	5177197-30	Patent No. 5177197	928	83	5.5	296	1	US-08-428-927-2	Sequence 2, Appl
856	84.5	5.6	1394	6	5177197-30	Patent No. 5177197	929	83	5.5	296	1	US-08-428-938-2	Sequence 2, Appl
857	84.5	5.6	1798	4	US-09-845-583A-8	Sequence 8, Appl	930	83	5.5	296	1	US-08-339-517-2	Sequence 2, Appl
858	84.5	5.6	1798	4	US-09-561-709B-11	Sequence 11, Appl	931	83	5.5	296	2	US-08-438-863-5	Sequence 5, Appl
859	84.5	5.6	1798	4	US-09-917-254-87	Sequence 87, Appl	932	83	5.5	296	3	US-08-438-862-5	Sequence 5, Appl
860	84.5	5.6	1816	4	US-09-561-818A-10	Sequence 10, Appl	933	83	5.5	296	4	US-09-684-708A-3	Sequence 3, Appl
861	84.5	5.6	2476	2	US-08-276-967-2	Sequence 2, Appl	934	83	5.5	320	3	US-09-183-861-22	Sequence 22, Appl
862	84	5.6	38	6	5208144-20	Patent No. 5208144	935	83	5.5	320	3	US-09-022-765-22	Sequence 22, Appl
863	84	5.6	38	6	5208144-20	Patent No. 5208144	936	83	5.5	320	3	US-09-022-765-55	Sequence 55, Appl
864	84	5.6	158	3	US-08-679-493A-24	Sequence 24, Appl	937	83	5.5	320	3	US-09-022-765-55	Sequence 55, Appl
865	84	5.6	172	4	US-09-252-931A-20172	Sequence 20172, A	938	83	5.5	320	4	US-09-551-974A-22	Sequence 22, Appl
866	84	5.6	252	4	US-09-902-540-10412	Sequence 10412, A	939	83	5.5	320	4	US-09-551-974A-55	Sequence 55, Appl
867	84	5.6	254	4	US-09-893-737-320	Sequence 320, App	940	83	5.5	320	4	US-09-565-501A-22	Sequence 22, Appl
868	84	5.6	341	4	US-09-252-931A-32424	Sequence 32424, A	941	83	5.5	320	4	US-09-565-501A-55	Sequence 55, Appl
869	84	5.6	347	4	US-09-252-931A-19498	Sequence 19498, A	942	83	5.5	320	4	US-09-639-206A-22	Sequence 22, Appl
870	84	5.6	372	4	US-09-270-767-41934	Sequence 41934, A	943	83	5.5	320	4	US-09-639-206A-55	Sequence 55, Appl
871	84	5.6	377	2	US-08-761-277A-45	Sequence 45, Appl	944	83	5.5	320	4	US-09-874-923-22	Sequence 22, Appl
872	84	5.6	448	2	US-08-884-072-1	Sequence 1, Appl	945	83	5.5	320	4	US-09-874-923-55	Sequence 55, Appl
873	84	5.6	448	3	US-09-212-168-1	Sequence 1, Appl	946	83	5.5	320	4	US-08-798-841-22	Sequence 22, Appl
874	84	5.6	448	4	US-09-409-096-4	Sequence 4, Appl	947	83	5.5	321	4	US-09-270-767-45035	Sequence 45035, A
875	84	5.6	453	6	5206152-7	Patent No. 5206152	948	83	5.5	334	4	US-09-949-016-9975	Sequence 9975, Ap
876	84	5.6	453	6	5206152-7	Patent No. 5206152	949	83	5.5	334	4	US-09-907-794A-2	Sequence 2, Appl
877	84	5.6	504	4	US-09-949-016-7403	Sequence 7403, Ap	950	83	5.5	353	4	US-09-905-125A-2	Sequence 2, Appl
878	84	5.6	973	1	US-08-162-809-10	Sequence 10, Appl	951	83	5.5	353	4	US-09-902-775A-2	Sequence 2, Appl
879	84	5.6	984	3	US-09-287-354-2	Sequence 2, Appl	952	83	5.5	353	4	US-09-906-700-2	Sequence 2, Appl
880	84	5.6	988	1	US-08-162-809-14	Sequence 14, Appl	953	83	5.5	353	4	US-09-903-603A-2	Sequence 2, Appl
881	84	5.6	1189	3	US-09-287-354-3	Sequence 3, Appl	954	83	5.5	353	4	US-09-904-920A-2	Sequence 2, Appl
882	84	5.6	1189	3	US-09-287-354-4	Sequence 4, Appl	955	83	5.5	353	4	US-09-909-064-2	Sequence 2, Appl
883	84	5.6	1189	4	US-09-949-016-6931	Sequence 6931, Ap	956	83	5.5	353	4	US-09-905-381A-2	Sequence 2, Appl
884	84	5.6	1495	4	US-08-522-726B-1	Sequence 1, Appl	957	83	5.5	353	4	US-09-906-618-2	Sequence 2, Appl
885	84	5.6	1495	4	US-09-337-384-1	Sequence 1, Appl	958	83	5.5	380	4	US-09-205-258-441	Sequence 441, App
886	83.5	5.6	218	4	US-09-252-931A-24321	Sequence 24321, A	959	83	5.5	404	4	US-09-638-649-3	Sequence 3, Appl
887	83.5	5.6	240	4	US-09-512-363-6	Sequence 6, Appl	960	83	5.5	404	4	US-09-638-648-3	Sequence 3, Appl
888	83.5	5.6	240	4	US-09-176-200-6	Sequence 6, Appl	961	83	5.5	515	4	US-09-270-767-46765	Sequence 46765, A
889	83.5	5.6	240	4	US-09-915-593-6	Sequence 6, Appl	962	83	5.5	709	4	US-09-874-923-121	Sequence 121, App
890	83.5	5.6	265	3	US-08-918-288-3	Sequence 3, Appl	963	83	5.5	728	3	US-08-981-392-2	Sequence 2, Appl
891	83.5	5.6	265	3	US-08-918-288-39	Sequence 39, Appl	964	83	5.5	728	4	US-09-908-322-2	Sequence 2, Appl
892	83.5	5.6	265	3	US-09-282-357-3	Sequence 3, Appl	965	83	5.5	737	1	US-08-188-582-16	Sequence 16, Appl
893	83.5	5.6	265	3	US-09-282-357-39	Sequence 39, Appl	966	83	5.5	737	1	US-08-646-715-16	Sequence 16, Appl
894	83.5	5.6	425	4	US-09-252-931A-24895	Sequence 24895, A	967	83	5.5	775	4	US-09-786-256C-15	Sequence 15, Appl
895	83.5	5.6	447	4	US-09-252-931A-25916	Sequence 25916, A	968	83	5.5	775	4	US-09-786-256C-32	Sequence 32, Appl
896	83.5	5.6	449	3	US-08-697-954-4	Sequence 4, Appl	969	83	5.5	810	2	US-08-820-170A-34	Sequence 34, Appl
897	83.5	5.6	500	4	US-09-423-753-2	Sequence 2, Appl	970	83	5.5	810	3	US-09-055-699-34	Sequence 34, Appl
898	83.5	5.6	659	4	US-09-423-753-3	Sequence 3, Appl	971	83	5.5	810	3	US-09-273-565-34	Sequence 34, Appl
899	83.5	5.6	685	3	US-08-872-855-2	Sequence 2, Appl	972	83	5.5	810	3	US-09-565-538-34	Sequence 34, Appl
900	83.5	5.6	685	4	US-09-423-753-25	Sequence 25, Appl	973	83	5.5	810	3	US-09-661-468-34	Sequence 34, Appl
901	83.5	5.6	685	4	US-09-641-612-7	Sequence 7, Appl	974	83	5.5	810	4	US-09-976-165-34	Sequence 34, Appl
902	83.5	5.6	716	4	US-09-312-283C-183	Sequence 183, App	975	83	5.5	838	4	US-09-344-624-21	Sequence 21, Appl
903	83.5	5.6	718	1	US-08-444-792-4	Sequence 4, Appl	976	83	5.5	874	4	US-09-949-016-7032	Sequence 7032, Ap

977	83	5.5	1156	3	US-08-996-083-1	Sequence 1, Appli	1050	82	5.5	448	2	US-09-015-815-1	Sequence 1, Appli
978	83	5.5	1156	3	US-09-429-516-1	Sequence 1, Appli	1051	82	5.5	461	3	US-09-042-785A-7	Sequence 7, Appli
979	83	5.5	1156	3	US-09-429-516-3	Sequence 3, Appli	1052	82	5.5	461	3	US-09-006-353A-4	Sequence 4, Appli
980	83	5.5	1792	4	US-09-561-818A-12	Sequence 12, Appl	1053	82	5.5	461	4	US-09-573-986-4	Sequence 4, Appli
981	83	5.5	2647	2	US-08-583-5622B-8	Sequence 8, Appli	1054	82	5.5	461	4	US-09-896-096A-17	Sequence 17, Appl
982	83	5.5	2647	2	US-08-779-113-8	Sequence 8, Appli	1055	82	5.5	854	2	US-09-070-060-4	Sequence 4, Appli
983	83	5.5	2647	4	US-09-949-016-6082	Sequence 6082, Ap	1056	82	5.5	854	3	US-09-357-746-4	Sequence 4, Appli
984	83	5.5	2666	4	US-09-949-016-10857	Sequence 10857, A	1057	82	5.5	939	4	US-09-854-845-16	Sequence 16, Appl
985	82.5	5.5	34	3	US-09-518-046-10	Sequence 10, Appl	1058	82	5.5	954	4	US-09-854-845-14	Sequence 14, Appl
986	82.5	5.5	42	4	US-09-270-767-57184	Sequence 57184, A	1059	82	5.5	1034	4	US-09-854-845-6	Sequence 6, Appli
987	82.5	5.5	172	4	US-09-252-991A-25305	Sequence 25305, A	1060	82	5.5	1049	4	US-09-854-845-2	Sequence 2, Appli
988	82.5	5.5	181	3	US-08-918-288-36	Sequence 36, Appl	1061	82	5.5	1078	4	US-09-854-845-8	Sequence 8, Appli
989	82.5	5.5	181	3	US-09-282-357-36	Sequence 36, Appl	1062	82	5.5	1093	4	US-09-854-845-4	Sequence 4, Appli
990	82.5	5.5	216	4	US-09-252-991A-28120	Sequence 28120, A	1063	82	5.5	1136	4	US-09-854-845-12	Sequence 12, Appl
991	82.5	5.5	257	4	US-09-312-283C-381	Sequence 381, App	1064	82	5.5	1151	4	US-09-854-845-10	Sequence 10, Appl
992	82.5	5.5	309	4	US-09-270-767-44995	Sequence 44995, A	1065	82	5.5	1380	4	US-09-949-016-11688	Sequence 11688, A
993	82.5	5.5	370	4	US-09-252-991A-27810	Sequence 27810, A	1066	82	5.5	1810	4	US-08-793-273C-4	Sequence 4, Appli
994	82.5	5.5	405	4	US-08-755-235-4	Sequence 4, Appli	1067	82	5.5	1810	5	PCT-US95-11684-4	Sequence 4, Appli
995	82.5	5.5	461	1	US-08-385-229-2	Sequence 2, Appli	1068	82	5.5	1833	3	US-08-479-722B-2	Sequence 2, Appli
996	82.5	5.5	461	2	US-08-650-000-2	Sequence 2, Appli	1069	82	5.5	1833	4	US-09-592-685-2	Sequence 2, Appli
997	82.5	5.5	461	3	US-08-477-347-3	Sequence 3, Appli	1070	82	5.5	1833	5	PCT-US95-02251-18	Sequence 18, Appl
998	82.5	5.5	461	3	US-08-476-862-2	Sequence 2, Appli	1071	82	5.5	2211	3	US-09-738-884-1	Sequence 1, Appli
999	82.5	5.5	461	3	US-08-406-824A-2	Sequence 2, Appli	1072	82	5.5	2211	4	US-10-096-961A-1	Sequence 1, Appli
1000	82.5	5.5	461	4	US-09-800-909-2	Sequence 2, Appli	1073	82	5.5	2787	3	US-09-245-041-15	Sequence 15, Appl
1001	82.5	5.5	461	4	US-09-758-124-2	Sequence 2, Appli	1074	82	5.5	2787	4	US-09-358-055B-15	Sequence 15, Appl
1002	82.5	5.5	461	4	US-09-800-908-3	Sequence 3, Appli	1075	82	5.5	2787	4	US-09-893-238-15	Sequence 15, Appl
1003	82.5	5.5	461	4	US-09-949-016-6019	Sequence 6019, Ap	1076	81.5	5.4	119	1	US-08-468-347-20	Sequence 20, Appl
1004	82.5	5.5	461	6	5395760-2	Sequence 6019, Ap	1077	81.5	5.4	119	1	US-08-226-264-24	Sequence 24, Appl
1005	82.5	5.5	461	6	5395760-2	Patent No. 5395760	1078	81.5	5.4	119	2	US-08-467-389-20	Sequence 20, Appl
1006	82.5	5.5	477	4	US-09-248-796A-21985	Sequence 21985, A	1079	81.5	5.4	119	2	US-08-779-379-20	Sequence 20, Appl
1007	82.5	5.5	587	4	US-09-949-016-8708	Sequence 8708, Ap	1080	81.5	5.4	119	2	US-08-469-219-20	Sequence 20, Appl
1008	82.5	5.5	587	4	US-09-949-016-8709	Sequence 8709, Ap	1081	81.5	5.4	119	3	US-09-228-152-19	Sequence 19, Appl
1009	82.5	5.5	619	4	US-09-252-991A-26352	Sequence 26352, A	1082	81.5	5.4	178	4	US-09-452-991A-31386	Sequence 31386, A
1010	82.5	5.5	721	3	US-08-981-392-5	Sequence 5, Appli	1083	81.5	5.4	197	4	US-09-252-991A-32518	Sequence 32518, A
1011	82.5	5.5	721	4	US-09-908-322-5	Sequence 5, Appli	1084	81.5	5.4	201	4	US-09-270-767-31650	Sequence 31650, A
1012	82.5	5.5	848	4	US-09-575-081B-8	Sequence 8, Appli	1085	81.5	5.4	201	4	US-09-270-767-46867	Sequence 46867, A
1013	82.5	5.5	1036	4	US-09-949-016-6910	Sequence 6910, Ap	1086	81.5	5.4	201	4	US-09-220-528-29	Sequence 29, Appl
1014	82.5	5.5	1049	4	US-09-538-092-72	Sequence 72, Appl	1087	81.5	5.4	224	3	US-09-347-613C-16	Sequence 16, Appl
1015	82.5	5.5	1049	4	US-09-949-016-11522	Sequence 11522, A	1088	81.5	5.4	224	4	US-09-662-183A-16	Sequence 16, Appl
1016	82.5	5.5	1572	4	US-09-562-702A-32	Sequence 32, Appl	1089	81.5	5.4	224	4	US-09-182-145-15	Sequence 15, Appl
1017	82.5	5.5	1572	4	US-09-561-818A-28	Sequence 28, Appl	1090	81.5	5.4	227	3	US-09-182-145-15	Sequence 15, Appl
1018	82.5	5.5	1605	4	US-09-562-702A-30	Sequence 30, Appl	1091	81.5	5.4	227	4	US-09-252-991A-25546	Sequence 25546, A
1019	82.5	5.5	1605	4	US-09-561-818A-26	Sequence 26, Appl	1092	81.5	5.4	228	3	US-09-182-145-77	Sequence 77, Appl
1020	82	5.5	229	4	US-09-959-392-29	Sequence 29, Appl	1093	81.5	5.4	229	3	US-09-182-145-76	Sequence 76, Appl
1021	82	5.5	157	3	US-08-981-392-68	Sequence 68, Appl	1094	81.5	5.4	230	3	US-09-182-145-75	Sequence 75, Appl
1022	82	5.5	157	4	US-09-908-322-68	Sequence 68, Appl	1095	81.5	5.4	231	3	US-09-182-145-74	Sequence 74, Appl
1023	82	5.5	165	4	US-09-252-991A-25359	Sequence 25359, A	1096	81.5	5.4	232	3	US-09-182-145-73	Sequence 73, Appl
1024	82	5.5	194	4	US-09-252-991A-24154	Sequence 24154, A	1097	81.5	5.4	233	3	US-09-182-145-72	Sequence 72, Appl
1025	82	5.5	232	3	US-08-911-423-7	Sequence 7, Appli	1098	81.5	5.4	234	3	US-09-182-145-71	Sequence 71, Appl
1026	82	5.5	274	4	US-10-237-551-74	Sequence 74, Appl	1099	81.5	5.4	235	3	US-09-182-145-70	Sequence 70, Appl
1027	82	5.5	319	4	US-08-835-279-2	Sequence 2, Appli	1100	81.5	5.4	236	3	US-09-182-145-69	Sequence 69, Appl
1028	82	5.5	326	4	US-09-252-991A-17002	Sequence 17002, A	1101	81.5	5.4	237	3	US-09-182-145-68	Sequence 68, Appl
1029	82	5.5	327	4	US-09-949-016-9200	Sequence 9200, Ap	1102	81.5	5.4	238	3	US-09-182-145-67	Sequence 67, Appl
1030	82	5.5	327	4	US-09-949-016-9201	Sequence 9201, Ap	1103	81.5	5.4	239	3	US-09-182-145-66	Sequence 66, Appl
1031	82	5.5	327	4	US-09-949-016-9201	Sequence 9201, Ap	1104	81.5	5.4	240	3	US-09-182-145-65	Sequence 65, Appl
1032	82	5.5	327	4	US-09-949-016-9202	Sequence 9202, Ap	1105	81.5	5.4	241	3	US-09-182-145-64	Sequence 64, Appl
1033	82	5.5	327	4	US-09-949-016-9203	Sequence 9203, Ap	1106	81.5	5.4	242	3	US-09-182-145-63	Sequence 63, Appl
1034	82	5.5	327	4	US-09-949-016-9204	Sequence 9204, Ap	1107	81.5	5.4	243	3	US-09-182-145-62	Sequence 62, Appl
1035	82	5.5	327	4	US-09-949-016-9205	Sequence 9205, Ap	1108	81.5	5.4	244	3	US-09-182-145-61	Sequence 61, Appl
1036	82	5.5	351	1	US-08-468-847B-16	Sequence 16, Appl	1109	81.5	5.4	245	3	US-09-182-145-60	Sequence 60, Appl
1037	82	5.5	351	4	US-03-495-448A-34	Sequence 34, Appl	1110	81.5	5.4	246	3	US-09-182-145-59	Sequence 59, Appl
1038	82	5.5	379	4	US-09-907-794A-4	Sequence 4, Appli	1111	81.5	5.4	247	3	US-09-182-145-58	Sequence 58, Appl
1039	82	5.5	379	4	US-09-905-125A-4	Sequence 4, Appli	1112	81.5	5.4	248	3	US-09-182-145-57	Sequence 57, Appl
1040	82	5.5	379	4	US-09-902-775A-4	Sequence 4, Appli	1113	81.5	5.4	249	3	US-09-182-145-56	Sequence 56, Appl
1041	82	5.5	379	4	US-09-906-700-4	Sequence 4, Appli	1114	81.5	5.4	250	3	US-09-182-145-16	Sequence 16, Appl
1042	82	5.5	379	4	US-09-903-603A-4	Sequence 4, Appli	1115	81.5	5.4	250	4	US-09-949-016-6429	Sequence 6429, Ap
1043	82	5.5	379	4	US-09-904-920A-4	Sequence 4, Appli	1116	81.5	5.4	253	3	US-09-042-785A-4	Sequence 4, Appli
1044	82	5.5	379	4	US-09-906-064-4	Sequence 4, Appli	1117	81.5	5.4	254	4	US-09-949-016-10294	Sequence 10294, A
1045	82	5.5	379	4	US-09-905-381A-4	Sequence 4, Appli	1118	81.5	5.4	330	4	US-09-252-991A-32186	Sequence 32186, A
1046	82	5.5	379	4	US-09-906-618-4	Sequence 4, Appli	1119	81.5	5.4	398	4	US-09-252-991A-26217	Sequence 26217, A
1047	82	5.5	404	4	US-09-949-016-11025	Sequence 11025, A	1120	81.5	5.4	429	4	US-09-949-016-8183	Sequence 8183, Ap
1048	82	5.5	446	3	US-08-956-254-2	Sequence 2, Appli	1121	81.5	5.4	429	4	US-09-949-016-8184	Sequence 8184, Ap
1049	82	5.5	446	3	US-09-008-388-1	Sequence 1, Appli	1122	81.5	5.4	509	4	US-09-907-794A-315	Sequence 315, App

1123	81.5	5.4	509	4	US-09-905-125A-315	Sequence 315, App	1196	81	5.4	516	4	US-09-509-994-1	Sequence 1, Appli
1124	81.5	5.4	509	4	US-09-902-775A-315	Sequence 315, App	1197	81	5.4	516	4	US-09-509-994-2	Sequence 2, Appli
1125	81.5	5.4	509	4	US-09-906-700-315	Sequence 315, App	1198	81	5.4	616	3	US-08-996-139-6	Sequence 6, Appli
1126	81.5	5.4	509	4	US-09-903-603A-315	Sequence 315, App	1199	81	5.4	616	3	US-08-995-659-6	Sequence 6, Appli
1127	81.5	5.4	509	4	US-09-904-920A-315	Sequence 315, App	1200	81	5.4	616	3	US-08-215-649A-6	Sequence 6, Appli
1128	81.5	5.4	509	4	US-09-905-064-315	Sequence 315, App	1201	81	5.4	616	4	US-09-577-780-6	Sequence 6, Appli
1129	81.5	5.4	509	4	US-09-905-381A-315	Sequence 315, App	1202	81	5.4	616	4	US-09-577-800-6	Sequence 6, Appli
1130	81.5	5.4	509	4	US-09-906-618-315	Sequence 315, App	1203	81	5.4	616	4	US-09-466-496-6	Sequence 6, Appli
1131	81.5	5.4	564	4	US-09-949-016-6898	Sequence 698, App	1204	81	5.4	616	4	US-09-871-856-6	Sequence 6, Appli
1132	81.5	5.4	565	4	US-09-949-016-6902	Sequence 698, App	1205	81	5.4	616	4	US-09-871-856-6	Sequence 6, Appli
1133	81.5	5.4	585	4	US-09-641-612-5	Sequence 5, Appli	1206	81	5.4	616	4	US-09-877-650-6	Sequence 6, Appli
1134	81.5	5.4	616	4	US-09-608-790-1	Sequence 1, Appli	1207	81	5.4	616	4	US-09-865-363-6	Sequence 6, Appli
1135	81.5	5.4	650	1	US-08-325-071-67	Sequence 67, Appli	1208	81	5.4	616	4	US-09-949-016-6421	Sequence 6421, Ap
1136	81.5	5.4	650	3	US-08-461-004A-67	Sequence 67, Appli	1209	81	5.4	616	4	US-09-688-459-6	Sequence 6, Appli
1137	81.5	5.4	807	4	US-09-294-663-4	Sequence 4, Appli	1210	81	5.4	616	4	US-09-252-991A-27666	Sequence 27666, A
1138	81.5	5.4	1436	4	US-09-578-063-78	Sequence 78, Appli	1211	81	5.4	629	3	US-09-079-013B-4	Sequence 4, Appli
1139	81.5	5.4	2090	4	US-09-538-092-1081	Sequence 1081, Ap	1212	81	5.4	1171	4	US-09-949-016-9738	Sequence 9738, Ap
1140	81.5	5.4	2120	4	US-09-949-016-9768	Sequence 9768, Ap	1213	81	5.4	1996	2	US-08-804-227C-9	Sequence 9, Appli
1141	81.5	5.4	3571	4	US-09-911-842A-2	Sequence 2, Appli	1214	81	5.4	1996	2	US-08-804-198B-3	Sequence 3, Appli
1142	81	5.4	136	6	5189019-6	Patent No. 5189019	1215	81	5.4	2150	4	US-09-321-987B-2	Sequence 2, Appli
1143	81	5.4	136	6	5189019-6	Patent No. 5189019	1216	81	5.4	2165	4	US-09-800-729-155	Sequence 155, App
1144	81	5.4	149	4	US-09-482-273-150	Sequence 150, App	1217	80.5	5.4	137	3	US-09-036-574-4	Sequence 4, Appli
1145	81	5.4	178	4	US-09-252-991A-23496	Sequence 23496, A	1218	80.5	5.4	137	4	US-08-454-294A-4	Sequence 4, Appli
1146	81	5.4	180	4	US-09-461-688-4	Sequence 3, Appli	1219	80.5	5.4	169	4	US-09-252-991A-32083	Sequence 32083, A
1147	81	5.4	210	3	US-08-286-529-3	Sequence 3, Appli	1220	80.5	5.4	174	3	US-09-724-864-56	Sequence 56, Appli
1148	81	5.4	211	4	US-09-252-991A-26873	Sequence 26873, A	1221	80.5	5.4	188	4	US-09-252-991A-29853	Sequence 29853, A
1149	81	5.4	234	3	US-08-918-288-9	Sequence 9, Appli	1222	80.5	5.4	213	4	US-09-489-039A-11130	Sequence 11130, A
1150	81	5.4	234	3	US-09-282-357-9	Sequence 9, Appli	1223	80.5	5.4	229	4	US-09-252-991A-29247	Sequence 29247, A
1151	81	5.4	446	1	US-08-307-444A-5	Sequence 5, Appli	1224	80.5	5.4	232	4	US-09-252-991A-24479	Sequence 24479, A
1152	81	5.4	446	1	US-08-587-389-5	Sequence 5, Appli	1225	80.5	5.4	247	4	US-09-252-991A-26899	Sequence 26899, A
1153	81	5.4	451	3	US-08-996-139-4	Sequence 4, Appli	1226	80.5	5.4	263	4	US-09-902-940-14698	Sequence 14698, A
1154	81	5.4	451	3	US-08-995-659-4	Sequence 4, Appli	1227	80.5	5.4	380	3	US-08-468-846-2	Sequence 2, Appli
1155	81	5.4	451	3	US-09-215-649A-4	Sequence 4, Appli	1228	80.5	5.4	384	4	US-09-949-016-9661	Sequence 9661, Ap
1156	81	5.4	451	4	US-09-577-780-4	Sequence 4, Appli	1229	80.5	5.4	400	3	US-09-949-016-9661	Sequence 9661, Ap
1157	81	5.4	451	4	US-09-577-800-4	Sequence 4, Appli	1230	80.5	5.4	400	3	US-09-220-528-63	Sequence 63, Appli
1158	81	5.4	451	4	US-09-466-456-4	Sequence 4, Appli	1231	80.5	5.4	400	4	US-09-187-306-21	Sequence 21, Appli
1159	81	5.4	451	4	US-08-871-856-4	Sequence 4, Appli	1232	80.5	5.4	400	4	US-09-949-016-9079	Sequence 9079, Ap
1160	81	5.4	451	4	US-09-871-291-4	Sequence 4, Appli	1233	80.5	5.4	521	3	US-09-538-092-925	Sequence 925, App
1161	81	5.4	451	4	US-09-877-650-4	Sequence 4, Appli	1234	80.5	5.4	551	3	US-08-796-899-29	Sequence 29, Appli
1162	81	5.4	451	4	US-09-865-363-4	Sequence 4, Appli	1235	80.5	5.4	689	4	US-09-252-991A-31332	Sequence 31332, A
1163	81	5.4	451	4	US-09-688-459-4	Sequence 4, Appli	1236	80.5	5.4	710	4	US-09-252-991A-25375	Sequence 25375, A
1164	81	5.4	456	1	US-08-307-444A-3	Sequence 3, Appli	1237	80.5	5.4	767	4	US-09-252-991A-25302	Sequence 25302, A
1165	81	5.4	456	1	US-08-307-444A-4	Sequence 4, Appli	1238	80.5	5.4	806	1	US-08-270-076A-11	Sequence 11, Appli
1166	81	5.4	456	1	US-08-587-389-3	Sequence 3, Appli	1239	80.5	5.4	846	2	US-07-728-215-33	Sequence 33, Appli
1167	81	5.4	456	1	US-08-587-389-4	Sequence 4, Appli	1240	80.5	5.4	846	3	US-08-938-085A-33	Sequence 33, Appli
1168	81	5.4	463	4	US-09-907-794A-285	Sequence 285, App	1241	80.5	5.4	846	4	US-10-072-844-33	Sequence 33, Appli
1169	81	5.4	463	4	US-09-905-125A-285	Sequence 285, App	1242	80.5	5.4	846	4	US-10-072-838-33	Sequence 33, Appli
1170	81	5.4	463	4	US-09-902-775A-285	Sequence 285, App	1243	80.5	5.4	846	4	US-10-072-841A-33	Sequence 33, Appli
1171	81	5.4	463	4	US-09-906-700-285	Sequence 285, App	1244	80.5	5.4	846	4	US-10-219-631A-33	Sequence 33, Appli
1172	81	5.4	463	4	US-09-903-603A-285	Sequence 285, App	1245	80.5	5.4	954	4	US-10-144-198-41	Sequence 41, Appli
1173	81	5.4	463	4	US-09-904-920A-285	Sequence 285, App	1246	80.5	5.4	1013	4	US-10-144-198-26	Sequence 26, Appli
1174	81	5.4	463	4	US-09-909-064-285	Sequence 285, App	1247	80.5	5.4	1693	4	US-09-560-385A-4	Sequence 4, Appli
1175	81	5.4	463	4	US-09-905-381A-285	Sequence 285, App	1248	80.5	5.4	1693	4	US-09-560-385A-8	Sequence 8, Appli
1176	81	5.4	463	4	US-09-906-618-285	Sequence 285, App	1249	80.5	5.4	1740	4	US-09-377-285B-40	Sequence 40, Appli
1177	81	5.4	475	1	US-08-307-444A-1	Sequence 1, Appli	1250	80.5	5.4	1882	3	US-09-369-364A-13	Sequence 13, Appli
1178	81	5.4	475	1	US-08-307-444A-2	Sequence 2, Appli	1251	80	5.3	1882	3	US-09-252-991A-21161	Sequence 21161, A
1179	81	5.4	475	1	US-08-587-389-1	Sequence 1, Appli	1252	80	5.3	271	1	US-08-152-019A-28	Sequence 28, Appli
1180	81	5.4	475	1	US-08-587-389-2	Sequence 2, Appli	1253	80	5.3	274	3	US-09-188-930-336	Sequence 336, App
1181	81	5.4	476	1	US-08-014-723-1	Sequence 1, Appli	1254	80	5.3	274	4	US-09-312-283C-336	Sequence 336, App
1182	81	5.4	476	1	US-08-014-723-2	Sequence 2, Appli	1255	80	5.3	278	3	US-09-774-864-52	Sequence 52, Appli
1183	81	5.4	476	1	US-08-014-723-18	Sequence 18, Appli	1256	80	5.3	336	4	US-09-248-796A-20058	Sequence 20058, A
1184	81	5.4	476	1	US-08-110-011A-1	Sequence 1, Appli	1257	80	5.3	399	4	US-09-252-991A-25295	Sequence 25295, A
1185	81	5.4	476	1	US-08-110-011A-2	Sequence 2, Appli	1258	80	5.3	513	4	US-09-949-016-5900	Sequence 5900, Ap
1186	81	5.4	476	1	US-08-110-011A-18	Sequence 18, Appli	1259	80	5.3	521	2	US-08-682-847-4	Sequence 4, Appli
1187	81	5.4	478	3	US-09-570-454-2	Sequence 2, Appli	1260	80	5.3	586	4	US-09-657-013-53	Sequence 53, Appli
1188	81	5.4	478	4	US-08-867-521-2	Sequence 2, Appli	1261	80	5.3	632	4	US-09-949-016-7865	Sequence 7865, Ap
1189	81	5.4	494	1	US-08-014-723-14	Sequence 14, Appli	1262	80	5.3	632	4	US-09-949-016-7866	Sequence 7866, Ap
1190	81	5.4	494	1	US-08-014-723-16	Sequence 16, Appli	1263	80	5.3	632	4	US-09-949-016-7867	Sequence 7867, Ap
1191	81	5.4	494	1	US-08-110-011A-14	Sequence 14, Appli	1264	80	5.3	632	4	US-09-949-016-7868	Sequence 7868, Ap
1192	81	5.4	494	1	US-08-110-011A-16	Sequence 16, Appli	1265	80	5.3	632	4	US-09-949-016-7869	Sequence 7869, Ap
1193	81	5.4	497	1	US-08-312-870-3	Sequence 3, Appli	1266	80	5.3	663	4	US-09-252-991A-30843	Sequence 30843, A
1194	81	5.4	497	4	US-09-331-793-4	Sequence 4, Appli	1267	80	5.3	749	4	US-09-949-016-8645	Sequence 8645, Ap
1195	81	5.4	498	2	US-08-733-564-2	Sequence 2, Appli	1268	80	5.3	749	4	US-09-949-016-8646	Sequence 8646, Ap

1269	80	5.3	749	4	US-09-949-016-8647	Sequence 8647, Ap	1342	79	5.3	379	1	US-08-468-847B-11	Sequence 11, Appl
1270	80	5.3	749	4	US-09-949-016-8648	Sequence 8648, Ap	1343	79	5.3	379	4	US-09-142-569-2	Sequence 2, Appl
1271	80	5.3	766	4	US-09-949-016-11355	Sequence 11355, A	1344	79	5.3	379	4	US-09-495-448A-2	Sequence 2, Appl
1272	80	5.3	766	4	US-09-949-016-11356	Sequence 11356, A	1345	79	5.3	439	4	US-09-099-096-6	Sequence 6, Appl
1273	80	5.3	766	4	US-09-949-016-11357	Sequence 11357, A	1346	79	5.3	519	4	US-09-595-684B-37	Sequence 37, Appl
1274	80	5.3	766	4	US-09-949-016-11358	Sequence 11358, A	1347	79	5.3	553	4	US-09-083-351-2	Sequence 2, Appl
1275	80	5.3	794	4	US-09-949-016-10746	Sequence 10746, A	1348	79	5.3	553	3	US-09-083-352-2	Sequence 2, Appl
1276	80	5.3	830	5	PCT-US91-05059-2	Sequence 2, Appl	1349	79	5.3	553	4	US-09-612-809B-2	Sequence 2, Appl
1277	80	5.3	889	4	US-09-949-016-6036	Sequence 6036, Ap	1350	79	5.3	689	3	US-09-177-249-2	Sequence 2, Appl
1278	80	5.3	1276	3	US-08-937-236-3	Sequence 3, Appl	1351	79	5.3	689	3	US-09-061-769A-2	Sequence 2, Appl
1279	80	5.3	1291	3	US-08-937-236-4	Sequence 4, Appl	1352	79	5.3	689	4	US-09-812-283-2	Sequence 2, Appl
1280	80	5.3	1291	3	US-08-937-236-2	Sequence 2, Appl	1353	79	5.3	700	4	US-09-902-540-11872	Sequence 11872, A
1281	80	5.3	1295	3	US-08-569-214-2	Sequence 2, Appl	1354	79	5.3	700	4	US-09-949-016-7288	Sequence 7288, Ap
1282	79.5	5.3	112	4	US-09-352-991A-22629	Sequence 22629, A	1355	79	5.3	1005	4	US-09-949-016-6968	Sequence 6968, Ap
1283	79.5	5.3	156	4	US-09-902-540-12764	Sequence 12764, A	1356	79	5.3	1005	4	US-09-949-016-10620	Sequence 10620, A
1284	79.5	5.3	233	4	US-09-252-991A-18455	Sequence 18455, A	1357	79	5.3	1725	4	US-09-560-385A-10	Sequence 10, Appl
1285	79.5	5.3	236	4	US-09-252-991A-29311	Sequence 29311, A	1358	79	5.3	1881	3	US-09-233-086-3	Sequence 3, Appl
1286	79.5	5.3	253	4	US-09-252-991A-19036	Sequence 19036, A	1359	78.5	5.2	166	4	US-09-270-767-33652	Sequence 33652, A
1287	79.5	5.3	257	4	US-09-252-991A-32137	Sequence 32137, A	1360	78.5	5.2	166	4	US-09-270-767-48869	Sequence 48869, A
1288	79.5	5.3	266	4	US-09-252-991A-32835	Sequence 32835, A	1361	78.5	5.2	177	4	US-09-621-976-3938	Sequence 3938, Ap
1289	79.5	5.3	375	4	US-09-902-540-10881	Sequence 10881, A	1362	78.5	5.2	209	4	US-09-585-166A-837	Sequence 837, App
1290	79.5	5.3	393	4	US-09-759-143-934	Sequence 934, App	1363	78.5	5.2	209	4	US-09-759-143-897	Sequence 897, App
1291	79.5	5.3	423	3	US-08-702-665A-5	Sequence 5, Appl	1364	78.5	5.2	264	5	PCT-US95-08925-4	Sequence 4, Appl
1292	79.5	5.3	447	1	US-08-468-853-2	Sequence 2, Appl	1365	78.5	5.2	264	4	US-09-949-016-6700	Sequence 6700, Ap
1293	79.5	5.3	447	1	US-08-468-855-2	Sequence 2, Appl	1366	78.5	5.2	343	4	US-09-252-991A-24086	Sequence 24086, A
1294	79.5	5.3	447	1	US-08-310-357-2	Sequence 2, Appl	1367	78.5	5.2	384	4	US-09-270-767-44120	Sequence 44120, A
1295	79.5	5.3	447	1	US-08-468-852-2	Sequence 2, Appl	1368	78.5	5.2	386	4	US-09-949-016-10006	Sequence 10006, A
1296	79.5	5.3	447	1	US-08-468-857-2	Sequence 2, Appl	1369	78.5	5.2	406	4	US-09-902-540-10361	Sequence 10361, A
1297	79.5	5.3	449	4	US-09-912-935-34	Sequence 34, Appl	1370	78.5	5.2	413	4	US-09-151-102-2	Sequence 2, Appl
1298	79.5	5.3	609	4	US-09-949-016-7747	Sequence 7747, Ap	1371	78.5	5.2	422	3	US-08-929-846-2	Sequence 2, Appl
1299	79.5	5.3	609	4	US-09-949-016-7748	Sequence 7748, Ap	1372	78.5	5.2	422	3	US-08-929-846-2	Sequence 2, Appl
1300	79.5	5.3	609	4	US-09-949-016-7749	Sequence 7749, Ap	1373	78.5	5.2	424	4	US-09-538-092-1140	Sequence 1140, Ap
1301	79.5	5.3	609	4	US-09-949-016-7750	Sequence 7750, Ap	1374	78.5	5.2	482	4	US-09-538-092-1140	Sequence 1140, Ap
1302	79.5	5.3	609	4	US-09-949-016-7751	Sequence 7751, Ap	1375	78.5	5.2	498	4	US-09-902-540-13420	Sequence 13420, A
1303	79.5	5.3	609	4	US-09-949-016-7752	Sequence 7752, Ap	1376	78.5	5.2	501	4	US-09-252-991A-18409	Sequence 18409, A
1304	79.5	5.3	609	4	US-09-949-016-7753	Sequence 7753, Ap	1377	78.5	5.2	520	1	US-08-325-071-65	Sequence 65, Appl
1305	79.5	5.3	609	4	US-09-949-016-7754	Sequence 7754, Ap	1378	78.5	5.2	620	3	US-08-461-004A-65	Sequence 65, Appl
1306	79.5	5.3	752	4	US-09-919-039-235	Sequence 235, App	1379	78.5	5.2	620	3	US-08-278-635B-6	Sequence 6, Appl
1307	79.5	5.3	852	2	US-09-538-092-1300	Sequence 1300, Ap	1380	78.5	5.2	629	3	US-08-464-258B-6	Sequence 6, Appl
1308	79.5	5.3	852	2	US-09-070-060-3	Sequence 3, Appl	1381	78.5	5.2	629	3	US-08-471-961-6	Sequence 6, Appl
1309	79.5	5.3	852	3	US-09-357-746-3	Sequence 3, Appl	1382	78.5	5.2	629	3	US-09-345-109C-6	Sequence 6, Appl
1310	79.5	5.3	1066	4	US-09-949-016-6617	Sequence 6617, Ap	1383	78.5	5.2	629	3	US-08-188-582-13	Sequence 13, Appl
1311	79.5	5.3	1090	4	US-09-949-016-9725	Sequence 9725, Ap	1384	78.5	5.2	677	1	US-08-646-715-13	Sequence 13, Appl
1312	79.5	5.3	1090	4	US-09-949-016-9726	Sequence 9726, Ap	1385	78.5	5.2	677	1	US-09-538-092-1164	Sequence 1164, Ap
1313	79.5	5.3	1178	4	US-09-902-540-15329	Sequence 15329, A	1386	78.5	5.2	677	4	US-09-549-016-8774	Sequence 8774, Ap
1314	79.5	5.3	1196	1	US-08-144-121-4	Sequence 4, Appl	1387	78.5	5.2	694	4	US-09-949-016-8493	Sequence 8493, Ap
1315	79.5	5.3	1196	2	US-08-735-893-4	Sequence 89, Appl	1388	78.5	5.2	711	4	US-09-949-016-8493	Sequence 15310, A
1316	79.5	5.3	1745	4	US-09-800-729-89	Sequence 2, Appl	1389	78.5	5.2	846	4	US-09-949-016-7580	Sequence 7580, Ap
1317	79.5	5.3	2813	3	US-08-896-449A-2	Sequence 2, Appl	1390	78.5	5.2	908	4	US-08-449-645A-20	Sequence 20, Appl
1318	79.5	5.3	2813	3	US-09-132-652-2	Sequence 2, Appl	1391	78.5	5.2	988	2	US-08-702-367A-20	Sequence 20, Appl
1319	79.5	5.3	2813	4	US-09-886-900A-2	Sequence 2, Appl	1392	78.5	5.2	988	2	PCT-US95-04681-20	Sequence 3, Appl
1320	79.5	5.3	2813	4	US-09-662-478C-2	Sequence 2, Appl	1393	78.5	5.2	998	5	US-08-537-210A-3	Sequence 3, Appl
1321	79	5.3	120	4	US-09-252-991A-32057	Sequence 32057, A	1394	78.5	5.2	1064	3	US-09-113-825-3	Sequence 3, Appl
1322	79	5.3	148	4	US-09-252-991A-25505	Sequence 25505, A	1395	78.5	5.2	1064	3	US-09-949-016-6513	Sequence 6513, Ap
1323	79	5.3	161	4	US-09-270-767-35934	Sequence 35934, A	1396	78.5	5.2	1187	4	US-09-949-016-6513	Sequence 40, Appl
1324	79	5.3	161	4	US-09-270-767-51151	Sequence 51151, A	1397	78.5	5.2	1187	4	US-08-616-844-40	Sequence 40, Appl
1325	79	5.3	177	4	US-09-252-991A-31950	Sequence 2, Appl	1398	78.5	5.2	1481	2	US-08-599-654-40	Sequence 40, Appl
1326	79	5.3	200	3	US-09-534-407-2	Sequence 2, Appl	1399	78.5	5.2	1481	3	US-08-944-868A-40	Sequence 40, Appl
1327	79	5.3	200	4	US-09-999-201B-5	Sequence 5, Appl	1400	78.5	5.2	1481	3	US-08-944-423A-40	Sequence 40, Appl
1328	79	5.3	200	4	US-10-281-673A-5	Sequence 5, Appl	1401	78.5	5.2	1481	3	US-08-944-496-40	Sequence 40, Appl
1329	79	5.3	209	4	US-09-059-625-87	Sequence 87, Appl	1402	78.5	5.2	1816	4	US-09-561-818A-2	Sequence 2, Appl
1330	79	5.3	229	4	US-09-270-767-35290	Sequence 35290, A	1403	78.5	5.2	1824	4	US-09-561-818A-6	Sequence 6, Appl
1331	79	5.3	229	4	US-09-270-767-50507	Sequence 50507, A	1404	78.5	5.2	1824	4	US-09-561-818A-6	Patent No. 5208144
1332	79	5.3	255	1	US-08-236-918A-8	Sequence 8, Appl	1405	78	5.2	41	6	5208144-24	Patent No. 5208144
1333	79	5.3	255	2	US-08-816-605-9	Sequence 11, Appl	1406	78	5.2	41	6	5208144-24	Sequence 22, Appl
1334	79	5.3	255	3	US-09-006-353A-11	Sequence 11, Appl	1407	78	5.2	138	3	US-08-845-258-22	Sequence 22, Appl
1335	79	5.3	255	3	US-09-007-097-2	Sequence 2, Appl	1408	78	5.2	138	3	US-08-990-571-22	Sequence 22, Appl
1336	79	5.3	255	3	US-09-150-864A-8	Sequence 8, Appl	1409	78	5.2	138	3	US-08-723-142A-22	Sequence 22, Appl
1337	79	5.3	255	4	US-09-573-986-11	Sequence 11, Appl	1410	78	5.2	138	4	US-09-528-784A-22	Sequence 22, Appl
1338	79	5.3	255	4	US-09-578-764A-2	Sequence 2, Appl	1411	78	5.2	160	3	US-09-569-098A-22	Sequence 5, Appl
1339	79	5.3	255	4	US-09-623-545A-2	Sequence 2, Appl	1412	78	5.2	160	3	US-09-191-647-5	Sequence 5, Appl
1340	79	5.3	255	5	PCT-US96-03965-8	Sequence 8, Appl	1413	78	5.2	160	3	US-09-540-345A-5	Sequence 5, Appl
1341	79	5.3	272	4	US-09-949-016-7520	Sequence 7520, Ap	1414	78	5.2	160	3	US-09-540-153-5	Sequence 5, Appl

1415	78	5.2	192	4	US-07-757-022B-90	Sequence 90, Appl	1488	77.5	5.2	448	4	US-09-949-016-10130	Sequence 10130, A
1416	78	5.2	204	4	US-07-757-022B-92	Sequence 92, Appl	1489	77.5	5.2	467	4	US-09-252-991A-18296	Sequence 18296, A
1417	78	5.2	208	4	US-07-757-022B-132	Sequence 132, App	1490	77.5	5.2	514	4	US-09-800-729A-124	Sequence 124, App
1418	78	5.2	209	4	US-07-757-022B-94	Sequence 94, Appl	1491	77.5	5.2	556	4	US-09-657-013-51	Sequence 51, Appl
1419	78	5.2	220	4	US-07-757-022B-96	Sequence 96, Appl	1492	77.5	5.2	572	4	US-09-197-970B-5	Sequence 5, Appl
1420	78	5.2	221	2	US-08-480-232C-29	Sequence 29, Appl	1493	77.5	5.2	605	1	US-08-190-802A-49	Sequence 49, Appl
1421	78	5.2	221	2	US-08-659-235C-29	Sequence 29, Appl	1494	77.5	5.2	605	3	US-08-477-346-49	Sequence 49, Appl
1422	78	5.2	231	4	US-07-757-022B-90	Sequence 90, Appl	1495	77.5	5.2	605	3	US-08-473-089-49	Sequence 49, Appl
1423	78	5.2	235	6	5252556-3	Patent No. 5252556	1496	77.5	5.2	605	4	US-08-487-072A-49	Sequence 49, Appl
1424	78	5.2	235	6	5252556-3	Patent No. 5252556	1497	77.5	5.2	605	4	US-09-657-013-52	Sequence 52, Appl
1425	78	5.2	252	4	US-09-252-991A-25346	Sequence 25346, A	1498	77.5	5.2	605	4	US-09-538-092-1087	Sequence 1087, Ap
1426	78	5.2	257	4	US-09-579-845-10	Sequence 10, Appl	1499	77.5	5.2	623	4	US-09-949-016-10995	Sequence 10995, A
1427	78	5.2	296	4	US-07-757-022B-70	Sequence 70, Appl	1500	77.5	5.2	630	3	US-09-079-431B-2	Sequence 2, Appl
1428	78	5.2	310	3	US-08-651-136C-22	Sequence 22, Appl							
1429	78	5.2	310	3	US-09-229-911A-22	Sequence 22, Appl							
1430	78	5.2	321	4	US-09-270-767-33762	Sequence 33762, A							
1431	78	5.2	321	4	US-09-270-767-48979	Sequence 48979, A							
1432	78	5.2	452	4	US-09-914-259-34	Sequence 34, Appl							
1433	78	5.2	463	4	US-07-757-022B-54	Sequence 54, Appl							
1434	78	5.2	465	4	US-09-601-844B-2	Sequence 2, Appl							
1435	78	5.2	465	4	US-09-949-016-6516	Sequence 6516, Ap							
1436	78	5.2	480	2	US-08-480-229C-10	Sequence 10, Appl							
1437	78	5.2	480	2	US-08-659-235C-10	Sequence 10, Appl							
1438	78	5.2	605	3	US-09-063-950-5	Sequence 5, Appl							
1439	78	5.2	650	1	US-08-325-071-59	Sequence 59, Appl							
1440	78	5.2	650	3	US-08-461-004A-59	Sequence 59, Appl							
1441	78	5.2	656	4	US-09-902-540-12404	Sequence 12404, A							
1442	78	5.2	697	4	US-09-949-016-9660	Sequence 9660, Ap							
1443	78	5.2	758	4	US-09-902-540-16578	Sequence 16578, A							
1444	78	5.2	787	4	US-09-548-797B-5	Sequence 5, Appl							
1445	78	5.2	826	4	US-09-894-988A-47	Sequence 47, Appl							
1446	78	5.2	826	4	US-10-237-551-47	Sequence 47, Appl							
1447	78	5.2	830	1	US-08-110-158-4	Sequence 4, Appl							
1448	78	5.2	871	3	US-09-245-041-19	Sequence 19, Appl							
1449	78	5.2	871	4	US-09-358-055B-19	Sequence 19, Appl							
1450	78	5.2	871	4	US-09-893-238-19	Sequence 19, Appl							
1451	78	5.2	950	3	US-09-449-285A-4	Sequence 4, Appl							
1452	78	5.2	954	2	US-08-749-169A-3	Sequence 3, Appl							
1453	78	5.2	954	2	US-09-130-032A-3	Sequence 3, Appl							
1454	78	5.2	954	4	US-09-866-028-7	Sequence 7, Appl							
1455	78	5.2	954	4	US-09-944-457-7	Sequence 7, Appl							
1456	78	5.2	982	2	US-08-673-789-4	Sequence 4, Appl							
1457	78	5.2	1140	4	US-07-757-022B-104	Sequence 104, App							
1458	78	5.2	1277	3	US-08-937-236-6	Sequence 6, Appl							
1459	78	5.2	1292	3	US-08-569-214-5	Sequence 5, Appl							
1460	78	5.2	1292	3	US-08-569-214-6	Sequence 6, Appl							
1461	78	5.2	1292	3	US-08-937-236-5	Sequence 5, Appl							
1462	78	5.2	1350	3	US-09-245-041-17	Sequence 17, Appl							
1463	78	5.2	1350	4	US-09-358-055B-17	Sequence 17, Appl							
1464	78	5.2	1350	4	US-09-893-238-17	Sequence 17, Appl							
1465	78	5.2	1404	4	US-07-757-022B-2	Sequence 2, Appl							
1466	78	5.2	1404	4	US-07-757-022B-62	Sequence 62, Appl							
1467	78	5.2	1404	4	US-09-298-970A-1	Sequence 1, Appl							
1468	77.5	5.2	124	4	US-09-513-999C-7864	Sequence 7864, Ap							
1469	77.5	5.2	124	4	US-10-000-489-42	Sequence 42, Appl							
1470	77.5	5.2	155	4	US-09-252-991A-17465	Sequence 17465, A							
1471	77.5	5.2	157	4	US-09-270-767-40195	Sequence 40195, A							
1472	77.5	5.2	157	4	US-09-270-767-55411	Sequence 55411, A							
1473	77.5	5.2	166	4	US-09-252-991A-25357	Sequence 25357, A							
1474	77.5	5.2	217	4	US-09-252-991A-25975	Sequence 25975, A							
1475	77.5	5.2	328	4	US-09-252-991A-21969	Sequence 21969, A							
1476	77.5	5.2	357	4	US-10-029-180B-127	Sequence 127, App							
1477	77.5	5.2	396	2	US-08-838-219B-9	Sequence 9, Appl							
1478	77.5	5.2	396	3	US-09-233-336A-9	Sequence 9, Appl							
1479	77.5	5.2	396	3	US-09-233-752A-9	Sequence 9, Appl							
1480	77.5	5.2	396	3	US-09-402-036-9	Sequence 9, Appl							
1481	77.5	5.2	396	4	US-09-904-226-9	Sequence 9, Appl							
1482	77.5	5.2	415	5	PCT-US93-00601-2	Sequence 2, Appl							
1483	77.5	5.2	415	5	PCT-US94-07107A-7	Sequence 7, Appl							
1484	77.5	5.2	426	5	PCT-US94-07107A-2	Sequence 2, Appl							
1485	77.5	5.2	439	4	US-09-252-991A-21361	Sequence 21361, A							
1486	77.5	5.2	446	2	US-08-372-652-3	Sequence 3, Appl							
1487	77.5	5.2	446	5	PCT-US95-16311-3	Sequence 3, Appl							

ALIGNMENTS

RESULT 1

US-09-907-794A-127
; Sequence 127, Application US/09907794A
; Patent No. 6635468
GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29


```
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-907-794A-127

Query Match      100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 5.2e-122;
Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
Db 1 MSGGMAQVGAWRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60

QY 61 CRTSGLCVPLTWCRDRLDCSDGSDDEECRIEPTCKGQCPPPPGLPCPTCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWCRDRLDCSDGSDDEECRIEPTCKGQCPPPPGLPCPTCTGVSDCSGGT 120

QY 121 DKKLNC SRLACLAGELRCTLSDDCIPLTWCRDGHDPDPSDELGGCTNEILLPEGDATT 180
Db 121 DKKLNC SRLACLAGELRCTLSDDCIPLTWCRDGHDPDPSDELGGCTNEILLPEGDATT 180

QY 181 MGPPVTLESVTSLRNATMGPPVLTLESVPSVGNATSSAGDQSGSPYAGVIAAAVLSA 240
Db 181 MGPPVTLESVTSLRNATMGPPVLTLESVPSVGNATSSAGDQSGSPYAGVIAAAVLSA 240

QY 241 SLVTATLLLSWLRQAERLRPLGLLVAMKESLLLSQKTSIP 282
Db 241 SLVTATLLLSWLRQAERLRPLGLLVAMKESLLLSQKTSIP 282

RESULT 2
US-09-905-125A-127
; Sequence 127, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
```

```
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-125A-127
```

```
Query Match      100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 5.2e-122;
Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

.QY 1 MSGGMAQVGAWRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
Db 1 MSGGMAQVGAWRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60

QY 61 CRTSGLCVPLTWCRDRLDCSDGSDDEECRIEPTCKGQCPPPPGLPCPTCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWCRDRLDCSDGSDDEECRIEPTCKGQCPPPPGLPCPTCTGVSDCSGGT 120

QY 121 DKKLNC SRLACLAGELRCTLSDDCIPLTWCRDGHDPDPSDELGGCTNEILLPEGDATT 180
Db 121 DKKLNC SRLACLAGELRCTLSDDCIPLTWCRDGHDPDPSDELGGCTNEILLPEGDATT 180

QY 181 MGPPVTLESVTSLRNATMGPPVLTLESVPSVGNATSSAGDQSGSPYAGVIAAAVLSA 240
Db 181 MGPPVTLESVTSLRNATMGPPVLTLESVPSVGNATSSAGDQSGSPYAGVIAAAVLSA 240

QY 241 SLVTATLLLSWLRQAERLRPLGLLVAMKESLLLSQKTSIP 282
Db 241 SLVTATLLLSWLRQAERLRPLGLLVAMKESLLLSQKTSIP 282
```


RESULT 3

US-09-902-775A-127
; Sequence 127, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282

; TYPE: PRT

; ORGANISM: Homo sapiens
US-09-902-775A-127

Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 5.2e-122;
Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MSGGMAQVGAWRTGALGALLLLGLGLGLEAAASPLSTPSAQAAGPSSGSCPPTKFKQ 60
Db 1 MSGGMAQVGAWRTGALGALLLLGLGLGLEAAASPLSTPSAQAAGPSSGSCPPTKFKQ 60
Qy 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTQKQCQCPPPGLPCPCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTQKQCQCPPPGLPCPCTGVSDCSGGT 120
Qy 121 DKLRNCSRLACLAGELRCTLSDDCIFLTWRCDHPPDCPDSSDELGGCTNILEPGEADTT 180
Db 121 DKLRNCSRLACLAGELRCTLSDDCIFLTWRCDHPPDCPDSSDELGGCTNILEPGEADTT 180
Qy 181 MGPEVTLESVTSLRNATTMGPPVTVLESVPVSGNATSSAGDSQSGSPYAGVIAAAVLSA 240
Db 181 MGPEVTLESVTSLRNATTMGPPVTVLESVPVSGNATSSAGDSQSGSPYAGVIAAAVLSA 240
Qy 241 SLVTATLLLSWLRQAQERLRPLGLLLVAMKSSLLSEQKTSLP 282
Db 241 SLVTATLLLSWLRQAQERLRPLGLLLVAMKSSLLSEQKTSLP 282

RESULT 4

US-09-906-700-127
; Sequence 127, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594

; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-700-127

Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 5.2e-122;
Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSGGMAQVCAWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFQ 60
Db 1 MSGGMAQVCAWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFQ 60
Qy 61 CRTSGLCVPLTWCRDLDCSDGSDDEECRIEPTQKGQCPPPPGLPCPTCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWCRDLDCSDGSDDEECRIEPTQKGQCPPPPGLPCPTCTGVSDCSGGT 120
Qy 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGHPDPSDELGCCTNEILPEGDATT 180
Db 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGHPDPSDELGCCTNEILPEGDATT 180
Qy 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSAGDQSGSPYAGVIAAAVLSA 240
Db 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSAGDQSGSPYAGVIAAAVLSA 240
Qy 241 SLVTATLLLSWLRAQERLRPLGLLVAMKESLLLSQKTSLP 282
Db 241 SLVTATLLLSWLRAQERLRPLGLLVAMKESLLLSQKTSLP 282

RESULT 5
US-09-808-847-1
; Sequence 1, Application US/09808847
; Patent No. 6743898
; GENERAL INFORMATION:
; APPLICANT: Choi, Yong Sung
; APPLICANT: Li, Li
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES THAT SUPPRESS B-CELL GROWTH
; TITLE OF INVENTION: AND/OR DIFFERENTIATION
; FILE REFERENCE: Alton Ochener Medical Found.
; CURRENT APPLICATION NUMBER: US/09/808,847
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 282

; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-808-847-1

Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 5.2e-122;
Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSGGMAQVCAWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFQ 60
Db 1 MSGGMAQVCAWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFQ 60
Qy 61 CRTSGLCVPLTWCRDLDCSDGSDDEECRIEPTQKGQCPPPPGLPCPTCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWCRDLDCSDGSDDEECRIEPTQKGQCPPPPGLPCPTCTGVSDCSGGT 120
Qy 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGHPDPSDELGCCTNEILPEGDATT 180
Db 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGHPDPSDELGCCTNEILPEGDATT 180
Qy 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSAGDQSGSPYAGVIAAAVLSA 240
Db 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSAGDQSGSPYAGVIAAAVLSA 240
Qy 241 SLVTATLLLSWLRAQERLRPLGLLVAMKESLLLSQKTSLP 282
Db 241 SLVTATLLLSWLRAQERLRPLGLLVAMKESLLLSQKTSLP 282

RESULT 6
US-09-903-603A-127
; Sequence 127, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A. Paul J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: KJjavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594

APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 127
LENGTH: 282
TYPE: PRT
ORGANISM: Homo sapiens
US-09-903-603A-127

Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 5.2e-122;
Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MSGGMAQVGAWRTGALGALALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFKQ 60
Db 1 MSGGMAQVGAWRTGALGALALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFKQ 60
Qy 61 CRTSGLCVPLTWRCDRDLDCSDGDEECRIEPTCTKGQCPPLPCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWRCDRDLDCSDGDEECRIEPTCTKGQCPPLPCTGVSDCSGGT 120
Qy 121 DKLRNCSRLACLAGELRCTLSDDCIPLTWRCDHGPDPCDSSDELGCCTNEILPEGDA 180
Db 121 DKLRNCSRLACLAGELRCTLSDDCIPLTWRCDHGPDPCDSSDELGCCTNEILPEGDA 180
Qy 181 MGPPVTLESVTSLRNATMGPPVTLESVPSVGNATSSAGQSGSPYAGVIAAAVLSA 240
Db 181 MGPPVTLESVTSLRNATMGPPVTLESVPSVGNATSSAGQSGSPYAGVIAAAVLSA 240
Qy 241 SLVTATLLLSWLRQERLRPLGLLVAMKESLLISEQKTSLP 282
Db 241 SLVTATLLLSWLRQERLRPLGLLVAMKESLLISEQKTSLP 282

RESULT 7
US-09-904-920A-127
Sequence 127, Application US/09904920A
Patent No. 6806352
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.

US-09-904-920A-127

Query Match 100.0%; Score 1503; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 5.2e-122;
Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MSGGMAQVGAWRTGALGALALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFKQ 60
Db 1 MSGGMAQVGAWRTGALGALALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFKQ 60
Qy 61 CRTSGLCVPLTWRCDRDLDCSDGDEECRIEPTCTKGQCPPLPCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWRCDRDLDCSDGDEECRIEPTCTKGQCPPLPCTGVSDCSGGT 120
Qy 121 DKLRNCSRLACLAGELRCTLSDDCIPLTWRCDHGPDPCDSSDELGCCTNEILPEGDA 180

Db 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDGHPDPSDELGCCTNEILPEGDATT 180
Qy 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSAGDQSGSPYAGVIAAAAVLSA 240
Db 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSAGDQSGSPYAGVIAAAAVLSA 240
Qy 241 SLVTATLLLSWLRQAERLRPLGLLVAMKESLLLSSEQKTSLP 282
Db 241 SLVTATLLLSWLRQAERLRPLGLLVAMKESLLLSSEQKTSLP 282

RESULT 8

US-09-909-064-127

; Sequence 127, Application US/09909064
; Patent No. 6818449
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Aeshkenazi, David
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: KJjavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,064
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02

; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-064-127

Query Match 100.0%; Score 1503; DB 4; Length 282;

Best Local Similarity 100.0%; Pred. No. 5.2e-122;

Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSGGMAOVCWRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFO 60
Db 1 MSGGMAOVCWRTGALGLALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFO 60
Qy 61 CRTSGLCVPLTWRCDRDLDCSGDSBEECRIBPCTKGQCPCPPPPGLPCCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWRCDRDLDCSGDSBEECRIBPCTKGQCPCPPPPGLPCCTGVSDCSGGT 120
Qy 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDGHPDPSDELGCCTNEILPEGDATT 180
Db 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDGHPDPSDELGCCTNEILPEGDATT 180
Qy 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSAGDQSGSPYAGVIAAAAVLSA 240
Db 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSAGDQSGSPYAGVIAAAAVLSA 240
Qy 241 SLVTATLLLSWLRQAERLRPLGLLVAMKESLLLSSEQKTSLP 282
Db 241 SLVTATLLLSWLRQAERLRPLGLLVAMKESLLLSSEQKTSLP 282

RESULT 9

US-09-905-381A-127

; Sequence 127, Application US/09905381A

; Patent No. 6818746

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: KJjavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: 10466-14

APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Deanoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,618
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 127
LENGTH: 282
TYPE: PRT
ORGANISM: Homo sapiens
US-09-905-381A-127

Query Match 100.0%; Score 1503; DB 4; Length 282;

Best Local Similarity 100.0%; Pred. No. 5.2e-122;

Matches 282; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MSGGMAQVGAWRTGALGLALLLLGLGLGLEAAASPLSTSAQAAGPSSGSCPTTKFQ 60
Db 1 MSGGMAQVGAWRTGALGLALLLLGLGLGLEAAASPLSTSAQAAGPSSGSCPTTKFQ 60
Qy 61 CRTSGCLVPLTWRCDDRLDCSDGDEECRIEPTCKGQCPCPPGLPCCTGVSDCSGGT 120
Db 61 CRTSGCLVPLTWRCDDRLDCSDGDEECRIEPTCKGQCPCPPGLPCCTGVSDCSGGT 120
Qy 121 DKLRNCSRLACLAGELRCTLSDDCIPLTWRCDDHPDCPDSSDELGCCTNEILPEGDATT 180
Db 121 DKLRNCSRLACLAGELRCTLSDDCIPLTWRCDDHPDCPDSSDELGCCTNEILPEGDATT 180
Qy 181 MGPPVTLSEVTSRLNATTGPPVTLSEVPSVGNATSSAGDQSGSPHYGVIAAAVLSA 240
Db 181 MGPPVTLSEVTSRLNATTGPPVTLSEVPSVGNATSSAGDQSGSPHYGVIAAAVLSA 240
Qy 241 SLVTATALLSLWRAQERLRPLGLLVAMKESILLSEQKTSLP 282
Db 241 SLVTATALLSLWRAQERLRPLGLLVAMKESILLSEQKTSLP 282

RESULT 10

US-09-906-618-127

; Sequence 127, Application US/09906618

; Patent No. 6828146

; GENERAL INFORMATION:

Query Match 100.0%; Score 1503; DB 4; Length 282;

Best Local Similarity 100.0%; Pred. No. 5.2e-122;

	Matches	282;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	MSGGMAQVGAWR	TGALGLALLLLGLGLGLEAAASP	LSTPTSAQAAGPSGSCPTTKFQ	60					
Db	1	MSGGMAQVGAWR	TGALGLALLLLGLGLGLEAAASP	LSTPTSAQAAGPSGSCPTTKFQ	60					
Qy	61	CRISGLCVPLTW	CRDRLDCSDGDEBECRTEPC	TQKGQCPPLGLPCCTGVGSDCSGGT	120					
Db	61	CRISGLCVPLTW	CRDRLDCSDGDEBECRTEPC	TQKGQCPPLGLPCCTGVGSDCSGGT	120					
Qy	121	DKKLNRCSRLA	CAGELRCTLSDDCIPLTW	RCDHGPCDSSDLGCGTNEILPEGDATT	180					
Db	121	DKKLNRCSRLA	CAGELRCTLSDDCIPLTW	RCDHGPCDSSDLGCGTNEILPEGDATT	180					
Qy	181	MGPPVTLESVT	SLRNATMGPPVTL	ESVPSVGNATSSAGDQSGSP	YGVIAAAVL	SA	240			
Db	181	MGPPVTLESVT	SLRNATMGPPVTL	ESVPSVGNATSSAGDQSGSP	YGVIAAAVL	SA	240			
Qy	241	SLVTATLLLL	SWLRAQERLPLGL	LIVAMKSLLLSEQKTS	LSLP	282				
Db	241	SLVTATLLLL	SWLRAQERLPLGL	LIVAMKSLLLSEQKTS	LSLP	282				

RESULT 11

US-09-148-545-147	EARLIER APPLICATION NUMBER: 60/043,566
Sequence 147, Application US/09148545	EARLIER FILING DATE: 1997-04-11
Patent No. 6590075	EARLIER APPLICATION NUMBER: 60/043,314
GENERAL INFORMATION:	EARLIER FILING DATE: 1997-04-11
APPLICANT: Rosen et al.	EARLIER APPLICATION NUMBER: 60/043,569
TITLE OF INVENTION: 70 Human Secreted Proteins	EARLIER FILING DATE: 1997-04-11
FILE REFERENCE: PZ001P1	EARLIER APPLICATION NUMBER: 60/043,311
CURRENT APPLICATION NUMBER: US/09/148,545	EARLIER FILING DATE: 1997-04-11
CURRENT FILING DATE: 1998-09-04	EARLIER APPLICATION NUMBER: 60/043,671
CURRENT APPLICATION NUMBER: PCT/US98/04482	EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1998-03-06	EARLIER APPLICATION NUMBER: 60/043,674
EARLIER APPLICATION NUMBER: 60/040,162	EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-03-07	EARLIER APPLICATION NUMBER: 60/043,669
EARLIER APPLICATION NUMBER: 60/040,333	EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-03-07	EARLIER APPLICATION NUMBER: 60/043,312
EARLIER APPLICATION NUMBER: 60/038,621	EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-03-07	EARLIER APPLICATION NUMBER: 60/043,313
EARLIER APPLICATION NUMBER: 60/040,161	EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-03-07	EARLIER APPLICATION NUMBER: 60/043,672
EARLIER APPLICATION NUMBER: 60/040,626	EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-03-07	EARLIER APPLICATION NUMBER: 60/043,315
EARLIER APPLICATION NUMBER: 60/040,334	EARLIER FILING DATE: 1997-04-11
EARLIER FILING DATE: 1997-03-07	EARLIER APPLICATION NUMBER: 60/048,974
EARLIER APPLICATION NUMBER: 60/040,336	EARLIER FILING DATE: 1997-06-06
EARLIER FILING DATE: 1997-03-07	EARLIER APPLICATION NUMBER: 60/056,886
EARLIER APPLICATION NUMBER: 60/040,163	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-03-07	EARLIER APPLICATION NUMBER: 60/056,877
EARLIER APPLICATION NUMBER: 60/047,615	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,889
EARLIER APPLICATION NUMBER: 60/047,600	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,893
EARLIER APPLICATION NUMBER: 60/047,597	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,630
EARLIER APPLICATION NUMBER: 60/047,502	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,878
EARLIER APPLICATION NUMBER: 60/047,633	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,662
EARLIER APPLICATION NUMBER: 60/047,583	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,872
EARLIER APPLICATION NUMBER: 60/047,617	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,882
EARLIER APPLICATION NUMBER: 60/047,618	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,637
EARLIER APPLICATION NUMBER: 60/047,503	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,903
EARLIER APPLICATION NUMBER: 60/047,592	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,888
EARLIER APPLICATION NUMBER: 60/047,581	EARLIER FILING DATE: 1997-08-22
EARLIER FILING DATE: 1997-05-23	EARLIER APPLICATION NUMBER: 60/056,879

```

; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,880
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,894
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,911
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,636
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,874
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,910
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,864
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,631
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,845
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,892
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/047,595
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/057,761
; EARLIER FILING DATE: 05-Sep-1997
; EARLIER APPLICATION NUMBER: 60/047,599
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,588
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,585
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,586
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,590
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,594
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,589
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,593
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,614
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,578
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,576
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/047,501
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,670
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/056,632
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,664
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,876
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,881
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,909
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,875
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,862
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,887
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,908
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/057,650
; EARLIER FILING DATE: 1997-09-05

```

```

; EARLIER APPLICATION NUMBER: 60/056,884
; EARLIER FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 280
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 147
; LENGTH: 132

Query Match      22.8%; Score 342; DB 4; Length 132;
Best Local Similarity 54.4%; Pred. No. 3.6e-22;
Matches 74; Conservative 7; Mismatches 41; Indels 14; Gaps 3;

Qy      1 MSGGMAQVGNWRTGALGALLLLGLGLGLEAAS-----PLSTPTSAQAAGSSGSCP 55
Db      1 MSGGMAQVGNWRTGALGALLLLGLGLGLEAARPPRPLRP-----HPSSGSCP 54
Qy      56 PTFQCRSTGLCVPLTWRCRDRLDCSDGSEBECRIEPTCKQGCQPPPPGLPCPCTGVSD 115
Db      55 PTFQCRSTGLCVPLTWRCRDRTWTAAAMARRSAGLSHVPRKGNHRPLASPAAPASVT 114
Qy      116 CSGGTDKKLRNCSRLA 131
Db      115 ALG---ELTRNCATAA 127

RESULT 12
US-09-949-016-9528
; Sequence 9528, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9528
; LENGTH: 904
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-9528

```

```

Query Match      19.7%; Score 296.5; DB 4; Length 904;
Best Local Similarity 37.6%; Pred. No. 3.3e-17;
Matches 68; Conservative 15; Mismatches 75; Indels 23; Gaps 7;

Qy      3 GGMAQVGNWRTGALGALLLLGLGLGLEAASPLSTPTSAQAAGPS-SSCPTKPC 61
Db      23 GGGTIQAGTGTGTSAL-WALLLLAL-----CWAPRESGATGTGRKAKCPSPQPC 71
Qy      62 RTSGLCVPLTWRCRDRLDCSDGSEBECRIEPTCKQGCQPPPPGLPCPCTGVSD 115
Db      72 -TNGRCITLLWKDGDSDCVDSDEKNCVKTKTCAESFVNCNGQCVPS---RWKDGDPD 127
Qy      116 CSGGTDKKLRNCSRLAAGELRC-TLSDDCIPLTWRCDGHPDCPDSDELGCCTNEILP 174
Db      128 CEDGSDSPSQCHMRTCRIHEISGAHSTCIPVSWRCGDGNDGSDGDEENCGNITCSP 187
Qy      175 B 175
Db      188 D 188

RESULT 13
US-08-393-734-2
; Sequence 2, Application US/08393734

```

; Patent No. 5652224
; GENERAL INFORMATION:
; APPLICANT: Wilson, James M.
; APPLICANT: Kozarsky, Karen F.
; APPLICANT: Strauss, Jerome F.
; TITLE OF INVENTION: Methods and Compositions for Gene
; TITLE OF INVENTION: Therapy for the Treatment of Defects in Lipoprotein
; TITLE OF INVENTION: Metabolism
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr., PO Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19477
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/393,734
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: UPNH1254USA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 873 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-393-734-2

Query Match 18.5%; Score 277.5; DB 1; Length 873;
Best Local Similarity 37.1%; Pred. No. 1.4e-15;
Matches 63; Conservative 16; Mismatches 68; Indels 23; Gaps 7;

Qy 14 TGALGLALLLLGLGLEAAASPLSTPTSAQAAGPS-SGSCPTTKFQCTSGLCVPLTW 72
Db 3 TSAL-WAVMLLLAL-----CWAPRESGATGTGRKAKCEPSQFQC-TNGRCITLLW 50

Qy 73 RCDRLDCSDGDEECRIEPCQTQ-----KGQCPPPPGLPCPTCTGVSDCGSGGTDKRLN 126
Db 51 KCDGDEDCVDSDEKNCVKTKCAESDFVNNQCVPSS---RWKCDGDPDCDSDGSDSPQ 107

Qy 127 CSRLACLAGLRC-TLSDDCIPLTWRCDHGPDPCDSDDELGCCTNEILPE 175
Db 108 CHWRTCRIHISCGAHSTQCIPIVSWRCGENDCSDGEDENCNITCSPD 157

RESULT 14
US-08-894-489-2
; Sequence 2, Application US/08894489
; Patent No. 6174527
; GENERAL INFORMATION:
; APPLICANT: Wilson, James M.
; APPLICANT: Kozarsky, Karen F.
; APPLICANT: Strauss, Jerome F.
; TITLE OF INVENTION: Methods and Compositions for Gene
; TITLE OF INVENTION: Therapy for the Treatment of Defects in Lipoprotein
; TITLE OF INVENTION: Metabolism
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr., PO Box 457
; CITY: Spring House

; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19477
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,489
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/393,734
; FILING DATE: 24-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: GNVEN.009CIP1USA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 873 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-894-489-2

Query Match 18.5%; Score 277.5; DB 3; Length 873;
Best Local Similarity 37.1%; Pred. No. 1.4e-15;
Matches 63; Conservative 16; Mismatches 68; Indels 23; Gaps 7;

Qy 14 TGALGLALLLLGLGLEAAASPLSTPTSAQAAGPS-SGSCPTTKFQCTSGLCVPLTW 72
Db 3 TSAL-WAVMLLLAL-----CWAPRESGATGTGRKAKCEPSQFQC-TNGRCITLLW 50

Qy 73 RCDRLDCSDGDEECRIEPCQTQ-----KGQCPPPPGLPCPTCTGVSDCGSGGTDKRLN 126
Db 51 KCDGDEDCVDSDEKNCVKTKCAESDFVNNQCVPSS---RWKCDGDPDCDSDGSDSPQ 107

Qy 127 CSRLACLAGLRC-TLSDDCIPLTWRCDHGPDPCDSDDELGCCTNEILPE 175
Db 108 CHWRTCRIHISCGAHSTQCIPIVSWRCGENDCSDGEDENCNITCSPD 157

RESULT 15
US-08-149-103-3
; Sequence 3, Application US/08149103
; Patent No. 5750367
; GENERAL INFORMATION:
; APPLICANT: Lawrence C. B. Chan
; TITLE OF INVENTION: HUMAN AND MOUSE VERY LOW
; TITLE OF INVENTION: DENSITY LIPOPROTEIN RECEPTORS
; TITLE OF INVENTION: AND METHODS FOR USE OF SUCH
; TITLE OF INVENTION: RECEPTORS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/149,103
; FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application none
PRIOR APPLICATION DATA: described below
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 204/052
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 846 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-149-103-3

Query Match 18.2%; Score 273.5; DB 1; Length 846;
Best Local Similarity 40.3%; Pred. No. 3e-15; Mismatches 52; Indels 11; Gaps 4;
Matches 52; Conservative 14;
Qy 54 CPPTKFCQRTSGLCVPLTWRCRDRLDCSDGDEBECEIEPCTQ-----KGQCPPPPGLP 107
Db 6 CEPQFQC-TNGRCITLLMKCDGDEDCVDGSDKNCVKKTCAESDFVCNNGCQVPS---R 61
Qy 108 CPCTGVSDCSGGTKKLNCSRLACLAGELRC-TLSDDCIPLTWRCDHPCDPSSDELG 166
Db 62 WKCDGDPDCDGSDESPEQCHMRTCRIHEISGAHSTQIPVSWRCGENDCDSGEDEEN 121
Qy 167 CGTNEILLPE 175
Db 122 CGNITCSPD 130

Search completed: June 29, 2005, 11:26:31
Job time : 43.7906 secs

This Page Blank (uspto)

GenCore version 5.1.6
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:19:53 ; Search time 99.6597 Seconds
(without alignments)
1088.128 Million cell updates/sec

Perfect score: 1503

Sequence: 1 MSGGWAQVCAWRTGALGLA.....GLLVAKESILLSEQKTSLP 282

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1717557 seqs, 384547976 residues

Total number of hits satisfying chosen parameters: 1717557

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PTCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/PTCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
19: /cgn2_6/ptodata/1/pubpaa/US11A_PUBCOMB.pep.*
20: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
21: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
22: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
3	1503	100.0	282	9	US-09-905-291A-127
62	1503	100.0	282	10	US-09-808-847-1
90	1503	100.0	282	14	US-10-176-847-34
209	1503	100.0	282	14	US-10-153-668-238
356	1503	100.0	282	14	US-10-299-976-127
371	1503	100.0	282	14	US-10-299-937-127
497	1503	100.0	282	15	US-10-298-993-127
499	1503	100.0	282	15	US-10-448-923-127
500	1503	100.0	282	15	US-10-449-656-127
501	1503	100.0	282	15	US-10-448-713-127
502	1503	100.0	282	15	US-10-264-237-2740
505	1503	100.0	282	15	US-10-425-447-127

515	1503	100.0	282	16	US-10-215-371-127	Sequence 127, App
516	1503	100.0	282	16	US-10-771-187-127	Sequence 127, App
526	1503	100.0	282	17	US-10-931-886-312	Sequence 312, App
528	1503	100.0	282	17	US-10-963-467-127	Sequence 127, App
529	1503	100.0	282	17	US-10-978-255-127	Sequence 127, App
530	720	47.9	162	16	US-10-490-318-7	Sequence 7, Appli
531	708	47.1	162	16	US-10-490-318-11	Sequence 11, Appl
532	578.5	38.5	204	16	US-10-425-115-346009	Sequence 346009,
533	342	22.8	132	9	US-09-981-876-147	Sequence 147, App
534	342	22.8	132	10	US-09-148-545-147	Sequence 147, App
535	297	19.8	183	17	US-10-840-723-522	Sequence 522, App
536	297	19.8	183	17	US-10-871-602-522	Sequence 522, App
537	293.5	19.5	194	17	US-10-840-723-520	Sequence 520, App
538	293.5	19.5	194	17	US-10-871-602-520	Sequence 520, App
539	293.5	19.5	194	17	US-10-840-723-520	Sequence 520, App
540	280.5	18.7	699	16	US-10-464-368-85	Sequence 85, Appl
541	280.5	18.7	699	16	US-10-643-795A-141	Sequence 141, App
542	280.5	18.7	699	16	US-10-482-029-295	Sequence 295, App
543	280.5	18.7	699	17	US-10-948-518-141	Sequence 141, App
544	280.5	18.7	873	16	US-10-617-351-9	Sequence 9, Appli
545	280.5	18.7	873	16	US-10-479-875-7	Sequence 7, Appli
546	280.5	18.7	873	16	US-10-723-860-576	Sequence 576, App
547	280.5	18.7	873	17	US-10-482-029-152	Sequence 152, App
548	280.5	18.7	873	17	US-10-104-047-3003	Sequence 3003, Ap
549	277.5	18.5	873	13	US-10-167-264-2	Sequence 2, Appli
550	277.5	18.5	873	13	US-10-840-723-521	Sequence 2, Appli
551	277.5	18.5	963	15	US-11-029-942-2	Sequence 86, Appl
552	277	18.4	124	16	US-10-479-875-5	Sequence 5, Appli
553	277	18.4	124	16	US-10-693-057-426	Sequence 426, App
554	277	18.4	124	17	US-10-693-056-426	Sequence 426, App
555	277	18.4	124	17	US-10-840-723-426	Sequence 426, App
556	275	18.3	873	15	US-10-871-602-426	Sequence 426, App
557	271	18.0	873	16	US-10-464-368-93	Sequence 93, Appl
558	269	17.9	172	17	US-10-617-351-10	Sequence 10, Appl
559	269	17.9	172	17	US-10-840-723-523	Sequence 523, App
560	265.5	17.7	183	17	US-10-871-602-523	Sequence 523, App
561	265.5	17.7	183	17	US-10-840-723-521	Sequence 521, App
562	255.5	17.0	4660	15	US-10-871-602-521	Sequence 521, App
563	253.5	16.9	4599	16	US-10-464-368-74	Sequence 74, Appl
564	253.5	16.9	4599	16	US-10-479-875-4	Sequence 4, Appli
565	251	16.7	4636	9	US-09-835-996A-33	Sequence 33, Appl
566	251	16.7	248	11	US-09-750-972-40	Sequence 40, Appl
567	251	16.7	289	11	US-09-750-972-35	Sequence 35, Appl
568	251	16.7	2641	16	US-10-741-601-333	Sequence 333, App
569	251	16.7	4183	13	US-10-087-192-672	Sequence 672, App
570	251	16.7	4485	16	US-10-087-192-672	Sequence 672, App
571	251	16.7	4544	16	US-10-741-601-332	Sequence 332, App
572	251	16.7	4544	16	US-10-464-368-68	Sequence 68, Appl
573	251	16.7	4544	16	US-10-479-875-6	Sequence 6, Appli
574	251	16.7	4545	9	US-09-873-403-2	Sequence 2, Appli
575	251	16.7	4545	11	US-09-750-972-2	Sequence 2, Appli
576	251	16.7	4545	15	US-10-464-368-67	Sequence 67, Appl
577	251	16.7	4545	15	US-10-464-368-71	Sequence 71, Appl
578	251	16.7	4545	15	US-10-464-368-71	Sequence 71, Appl
579	251	16.7	4545	15	US-10-276-774-1723	Sequence 1723, Ap
580	250.5	16.7	101	16	US-10-693-057-511	Sequence 511, App
581	250.5	16.7	101	17	US-10-693-056-511	Sequence 511, App
582	250.5	16.7	101	17	US-10-840-723-511	Sequence 511, App
583	250.5	16.7	4599	15	US-10-871-602-511	Sequence 511, App
584	249	16.6	3197	13	US-10-464-368-70	Sequence 70, Appl
585	248	16.5	99	17	US-10-464-368-70	Sequence 69, Appl
586	248	16.5	99	17	US-10-087-192-669	Sequence 669, App
587	248	16.5	99	17	US-10-840-723-516	Sequence 516, App
588	248	16.5	135	16	US-10-871-602-516	Sequence 516, App
589	248	16.5	135	16	US-10-693-057-470	Sequence 470, App
590	247	16.4	209	11	US-10-693-056-470	Sequence 470, App
591	247	16.4	209	11	US-10-840-723-470	Sequence 470, App
592	245.5	16.3	4753	15	US-10-871-602-470	Sequence 470, App
593	245	16.3	2214	14	US-09-750-972-43	Sequence 43, Appl
594	245	16.3	2214	14	US-10-369-493-5119	Sequence 5119, Ap
595	245	16.3	2214	14	US-09-919-039-40	Sequence 40, Appl
596	245	16.3	2214	14	US-10-176-847-94	Sequence 94, Appl
597	245	16.3	2214	14	US-10-097-340-300	Sequence 300, App
					US-10-464-368-89	Sequence 89, Appl
					US-10-188-832-78	Sequence 78, Appl

598	245	16.3	2214	16	US-10-473-127-810	Sequence 810, App	671	226.5	15.1	860	16	US-10-473-127-803	Sequence 803, App
599	245	16.3	2214	16	US-10-473-127-811	Sequence 811, App	672	226.5	15.1	860	16	US-10-473-127-807	Sequence 807, App
600	245	16.3	2214	16	US-10-473-127-812	Sequence 812, App	673	226.5	15.1	860	16	US-10-473-127-808	Sequence 808, App
601	245	16.3	2214	16	US-10-473-127-813	Sequence 813, App	674	226.5	15.1	860	16	US-10-473-127-1006	Sequence 1006, App
602	245	16.3	2214	16	US-10-473-127-814	Sequence 814, App	675	226.5	15.1	860	17	US-10-482-029-100	Sequence 100, App
603	242.5	16.1	1494	14	US-10-017-161-1612	Sequence 1612, App	676	226.5	15.1	860	17	US-10-398-200-1	Sequence 1, Appli
604	242.5	16.1	1494	15	US-10-292-798-1286	Sequence 1286, App	677	226.5	15.1	872	15	US-10-276-774-2169	Sequence 2169, App
605	241.5	16.1	97	17	US-10-693-057-434	Sequence 434, App	678	226.5	15.1	872	16	US-10-473-127-806	Sequence 806, App
606	241.5	16.1	97	17	US-10-693-056-434	Sequence 434, App	679	226.5	15.1	1074	9	US-09-753-385-2	Sequence 2, Appli
607	241.5	16.1	97	17	US-10-840-723-434	Sequence 434, App	680	226.5	15.1	1410	9	US-09-753-385-4	Sequence 4, Appli
608	241.5	16.1	97	17	US-10-871-602-434	Sequence 434, App	681	226.5	15.1	1410	16	US-10-473-127-805	Sequence 805, App
609	241	16.0	2215	14	US-10-281-478-4	Sequence 4, Appli	682	226.5	15.1	1418	16	US-10-473-127-804	Sequence 804, App
610	241	16.0	4655	16	US-10-479-875-3	Sequence 3, Appli	683	226	15.0	91	16	US-10-693-057-423	Sequence 423, App
611	240	16.0	2867	15	US-10-464-368-73	Sequence 73, Appli	684	226	15.0	91	17	US-10-693-056-423	Sequence 423, App
612	240	16.0	4655	17	US-10-741-601-314	Sequence 314, App	685	226	15.0	91	17	US-10-840-723-423	Sequence 423, App
613	240	16.0	4655	16	US-10-741-600-897	Sequence 897, App	686	226	15.0	91	17	US-10-871-602-423	Sequence 423, App
614	237.5	15.8	170	11	US-09-750-973-47	Sequence 94, Appli	687	226	15.0	237	14	US-10-169-297-48	Sequence 48, Appli
615	237.5	15.8	819	15	US-10-094-749-1690	Sequence 1690, App	688	225	15.0	96	16	US-10-693-057-509	Sequence 509, App
616	237.5	15.8	1586	14	US-10-331-907-44	Sequence 44, Appli	689	225	15.0	96	17	US-10-693-056-509	Sequence 509, App
617	237.5	15.8	1614	9	US-09-887-540A-2	Sequence 2, Appli	690	225	15.0	96	17	US-10-840-723-509	Sequence 509, App
618	237.5	15.8	1614	14	US-10-331-907-42	Sequence 42, Appli	691	225	15.0	96	17	US-10-871-602-509	Sequence 509, App
619	237.5	15.8	1614	15	US-10-464-368-75	Sequence 75, Appli	692	225	15.0	120	9	US-09-864-761-48811	Sequence 48811, A
620	237.5	15.8	1614	15	US-10-464-368-80	Sequence 80, Appli	693	224.5	14.9	1451	14	US-10-331-907-25	Sequence 25, Appli
621	237.5	15.8	1614	15	US-10-464-368-80	Sequence 94, Appli	694	224.5	14.9	1594	14	US-10-331-907-39	Sequence 39, Appli
622	237.5	15.8	2180	15	US-10-369-493-5009	Sequence 5009, App	695	224.5	14.9	1591	14	US-10-331-907-4	Sequence 4, Appli
623	236.5	15.7	4123	14	US-10-213-509-5	Sequence 5, Appli	696	224.5	14.9	1591	14	US-10-331-907-43	Sequence 43, Appli
624	236.5	15.7	4219	15	US-10-085-198-2	Sequence 2, Appli	697	224.5	14.9	1611	15	US-10-464-368-81	Sequence 81, Appli
625	234.5	15.6	659	14	US-10-017-161-1568	Sequence 1568, App	698	224.5	14.9	1615	15	US-09-931-375A-2	Sequence 2, Appli
626	234	15.6	89	16	US-10-693-057-431	Sequence 431, App	699	224.5	14.9	1615	14	US-10-331-907-3	Sequence 3, Appli
627	234	15.6	89	17	US-10-693-056-431	Sequence 431, App	700	224.5	14.9	1615	15	US-10-464-368-82	Sequence 82, Appli
628	234	15.6	89	17	US-10-840-723-431	Sequence 431, App	701	224.5	14.9	1615	16	US-10-477-238A-808	Sequence 808, App
629	234	15.6	89	17	US-10-871-602-431	Sequence 431, App	702	224.5	14.9	1615	16	US-10-680-287A-808	Sequence 808, App
630	234	15.6	99	16	US-10-693-057-421	Sequence 421, App	703	224.5	14.9	1615	17	US-10-789-378-50	Sequence 50, Appli
631	234	15.6	99	17	US-10-693-056-421	Sequence 421, App	704	224.5	14.9	1615	17	US-10-482-029-146	Sequence 146, App
632	234	15.6	99	17	US-10-840-723-421	Sequence 421, App	705	224.5	14.9	1615	17	US-10-477-173-761	Sequence 761, App
633	234	15.6	863	16	US-10-871-602-421	Sequence 421, App	706	224.5	14.9	1627	13	US-10-087-192-1410	Sequence 1410, App
634	234	15.6	837	15	US-10-617-351-3	Sequence 3, Appli	707	224.5	14.9	1639	14	US-10-331-907-29	Sequence 29, Appli
635	234	15.6	1357	15	US-10-369-493-5432	Sequence 5432, App	708	224.5	14.9	1665	16	US-10-477-238A-810	Sequence 810, App
636	233	15.3	363	16	US-10-408-765A-764	Sequence 764, App	709	224.5	14.9	1665	16	US-10-680-287A-810	Sequence 810, App
637	230.5	15.3	99	16	US-10-693-057-417	Sequence 417, App	710	224.5	14.9	1665	17	US-10-477-173-763	Sequence 763, App
638	230.5	15.3	99	17	US-10-693-056-417	Sequence 417, App	711	224.5	14.9	4393	15	US-10-231-956A-366	Sequence 366, App
639	230.5	15.3	99	17	US-10-840-723-417	Sequence 417, App	712	224.5	14.9	4393	17	US-10-741-600-1105	Sequence 1105, App
640	230.5	15.3	99	17	US-10-871-602-417	Sequence 417, App	713	223.5	14.9	1615	15	US-10-374-979-3	Sequence 3, Appli
641	230	15.3	92	16	US-10-693-057-432	Sequence 432, App	714	223.5	14.9	1615	15	US-10-374-979-4	Sequence 4, Appli
642	230	15.3	92	17	US-10-693-056-432	Sequence 432, App	715	223.5	14.9	1615	15	US-10-182-936A-3	Sequence 3, Appli
643	230	15.3	92	17	US-10-840-723-432	Sequence 432, App	716	223.5	14.9	1615	15	US-10-182-936A-4	Sequence 4, Appli
644	230	15.3	92	17	US-10-871-602-432	Sequence 432, App	717	223.5	14.9	1615	16	US-10-731-739-3	Sequence 3, Appli
645	229.5	15.3	92	16	US-10-693-057-416	Sequence 416, App	718	223.5	14.9	1615	16	US-10-731-739-4	Sequence 4, Appli
646	229.5	15.3	92	17	US-10-693-056-416	Sequence 416, App	719	223.5	14.9	1615	16	US-10-477-238A-3	Sequence 3, Appli
647	229.5	15.3	92	17	US-10-840-723-416	Sequence 416, App	720	223.5	14.9	1615	16	US-10-477-238A-4	Sequence 4, Appli
648	229.5	15.3	92	17	US-10-871-602-416	Sequence 416, App	721	223.5	14.9	1615	16	US-10-680-287A-3	Sequence 3, Appli
649	229	15.2	123	11	US-09-750-972-50	Sequence 50, Appli	722	223.5	14.9	1615	16	US-10-680-287A-4	Sequence 4, Appli
650	227	15.1	4346	16	US-10-741-601-377	Sequence 377, App	723	223.5	14.9	1615	16	US-10-723-860-3344	Sequence 3344, App
651	227	15.1	4346	16	US-10-741-600-1103	Sequence 1103, App	724	223.5	14.9	1615	17	US-10-477-173-3	Sequence 3, Appli
652	227	15.1	4347	16	US-10-741-601-376	Sequence 376, App	725	223.5	14.9	1615	17	US-10-477-173-4	Sequence 4, Appli
653	227	15.1	4347	17	US-10-741-600-1102	Sequence 1102, App	726	222	14.8	96	16	US-10-693-057-414	Sequence 414, App
654	227	15.1	4370	16	US-10-408-765A-1267	Sequence 1267, App	727	222	14.8	96	17	US-10-693-056-414	Sequence 414, App
655	227	15.1	4391	16	US-10-473-127-799	Sequence 1, Appli	728	222	14.8	96	17	US-10-840-723-414	Sequence 414, App
656	226.5	15.1	360	14	US-10-169-297-50	Sequence 50, Appli	729	222	14.8	96	17	US-10-871-602-414	Sequence 414, App
657	226.5	15.1	729	16	US-10-473-127-798	Sequence 798, App	730	222	14.8	136	17	US-10-840-723-524	Sequence 524, App
658	226.5	15.1	750	16	US-10-473-127-802	Sequence 802, App	731	222	14.8	136	17	US-10-871-602-524	Sequence 524, App
659	226.5	15.1	837	15	US-10-464-368-95	Sequence 95, Appli	732	221.5	14.7	1905	16	US-10-480-172-6	Sequence 6, Appli
660	226.5	15.1	837	16	US-10-473-127-794	Sequence 794, App	733	220	14.6	96	16	US-10-693-057-420	Sequence 420, App
661	226.5	15.1	837	16	US-10-473-127-809	Sequence 809, App	734	220	14.6	96	17	US-10-693-056-420	Sequence 420, App
662	226.5	15.1	839	14	US-10-169-297-22	Sequence 22, Appli	735	220	14.6	96	17	US-10-840-723-420	Sequence 420, App
663	226.5	15.1	839	16	US-10-473-127-795	Sequence 795, App	736	220	14.6	96	17	US-10-871-602-420	Sequence 420, App
664	226.5	15.1	839	16	US-10-473-127-797	Sequence 797, App	737	219.5	14.6	231	11	US-09-750-972-29	Sequence 29, Appli
665	226.5	15.1	860	9	US-09-824-637-4	Sequence 4, Appli	738	218.5	14.5	94	17	US-10-840-723-515	Sequence 515, App
666	226.5	15.1	860	16	US-10-408-765A-444	Sequence 444, App	739	218.5	14.5	94	17	US-10-871-602-515	Sequence 515, App
667	226.5	15.1	860	16	US-10-473-127-792	Sequence 792, App	740	218	14.5	36	14	US-10-133-128-190	Sequence 190, App
668	226.5	15.1	860	16	US-10-473-127-793	Sequence 793, App	741	218	14.5	36	14	US-10-289-660-190	Sequence 190, App
669	226.5	15.1	860	16	US-10-473-127-796	Sequence 796, App	742	218	14.5	36	16	US-10-693-057-190	Sequence 190, App
670	226.5	15.1	860	16	US-10-473-127-801	Sequence 801, App	743	218	14.5	36	17	US-10-693-056-190	Sequence 190, App

744	218	14.5	36	17	US-10-840-723-190	Sequence 190, App	817	201	13.4	889	17	US-10-865-978-22	Sequence 22, Appl
745	218	14.5	36	17	US-10-871-602-190	Sequence 190, App	818	201	13.4	900	17	US-10-865-978-15	Sequence 15, Appl
746	218	14.5	91	16	US-10-693-057-419	Sequence 419, App	819	201	13.4	925	17	US-10-865-978-25	Sequence 25, Appl
747	218	14.5	91	17	US-10-693-056-419	Sequence 419, App	820	201	13.4	991	17	US-10-865-978-34	Sequence 34, Appl
748	218	14.5	91	17	US-10-840-723-419	Sequence 419, App	821	201	13.4	1039	17	US-10-865-978-30	Sequence 30, Appl
749	218	14.5	91	17	US-10-871-602-419	Sequence 419, App	822	201	13.4	1042	10	US-09-776-191-62	Sequence 62, Appl
750	218	14.5	99	16	US-10-693-057-433	Sequence 433, App	823	201	13.4	1042	15	US-10-156-214A-29	Sequence 29, Appl
751	218	14.5	99	17	US-10-693-056-433	Sequence 433, App	824	201	13.4	1042	17	US-10-865-978-2	Sequence 2, Appl
752	218	14.5	99	17	US-10-840-723-433	Sequence 433, App	825	201	13.4	1044	17	US-10-926-083-2	Sequence 2, Appl
753	218	14.5	99	17	US-10-871-602-433	Sequence 433, App	826	201	13.4	1044	17	US-10-865-978-9	Sequence 9, Appl
754	218	14.5	348	14	US-10-017-161-1610	Sequence 1610, Ap	827	201	13.4	1076	15	US-10-276-774-2345	Sequence 2345, Ap
755	217.5	14.5	348	15	US-10-292-798-1284	Sequence 1284, Ap	828	200.5	13.3	101	17	US-10-840-723-519	Sequence 519, App
756	217.5	14.5	1553	15	US-10-415-188-5	Sequence 5, Appl	829	200.5	13.3	101	17	US-10-871-602-519	Sequence 519, App
757	217.5	14.5	1852	15	US-10-085-198-60	Sequence 60, Appl	830	199	13.2	80	16	US-10-693-057-474	Sequence 474, App
758	217	14.4	36	14	US-10-133-128-189	Sequence 189, App	831	199	13.2	80	17	US-10-693-056-474	Sequence 474, App
759	217	14.4	36	14	US-10-289-660-189	Sequence 189, App	832	199	13.2	80	17	US-10-840-723-474	Sequence 474, App
760	217	14.4	36	16	US-10-693-057-189	Sequence 189, App	833	199	13.2	80	17	US-10-871-602-474	Sequence 474, App
761	217	14.4	36	17	US-10-693-056-189	Sequence 189, App	834	199	13.2	100	16	US-10-693-057-430	Sequence 430, App
762	217	14.4	36	17	US-10-840-723-189	Sequence 189, App	835	199	13.2	100	17	US-10-693-056-430	Sequence 430, App
763	217	14.4	36	17	US-10-871-602-189	Sequence 189, App	836	199	13.2	100	17	US-10-840-723-430	Sequence 430, App
764	216	14.4	166	11	US-09-750-972-33	Sequence 33, Appl	837	198	13.2	100	17	US-10-871-602-430	Sequence 430, App
765	216	14.4	208	11	US-09-750-972-27	Sequence 27, Appl	838	198	13.2	86	16	US-10-693-057-510	Sequence 510, App
766	216	14.4	1113	15	US-10-464-368-78	Sequence 78, Appl	839	198	13.2	86	17	US-10-693-056-510	Sequence 510, App
767	216	14.4	1113	17	US-10-826-083-4	Sequence 4, Appl	840	198	13.2	86	17	US-10-840-723-510	Sequence 510, App
768	216	14.4	3707	17	US-10-852-335A-139	Sequence 139, App	841	198	13.2	86	17	US-10-871-602-510	Sequence 510, App
769	215.5	14.3	89	11	US-09-750-972-46	Sequence 46, Appl	842	198	13.2	90	16	US-10-693-057-425	Sequence 425, App
770	215.5	14.3	862	14	US-10-281-478-3	Sequence 3, Appl	843	198	13.2	90	17	US-10-693-056-425	Sequence 425, App
771	215.5	14.3	862	15	US-10-464-368-90	Sequence 90, Appl	844	198	13.2	90	17	US-10-840-723-425	Sequence 425, App
772	214.5	14.3	862	15	US-10-464-368-91	Sequence 91, Appl	845	198	13.2	90	17	US-10-871-602-425	Sequence 425, App
773	214.5	14.3	864	15	US-10-464-368-92	Sequence 92, Appl	846	197.5	13.1	122	11	US-09-750-972-25	Sequence 25, Appl
774	214	14.2	91	16	US-10-693-057-427	Sequence 427, App	847	197.5	13.1	150	11	US-09-750-972-28	Sequence 28, Appl
775	214	14.2	91	17	US-10-693-056-427	Sequence 427, App	848	197	13.1	354	16	US-10-363-829-301	Sequence 301, App
776	214	14.2	91	17	US-10-840-723-427	Sequence 427, App	849	196.5	13.1	81	16	US-10-693-057-468	Sequence 468, App
777	214	14.2	91	17	US-10-871-602-427	Sequence 427, App	850	196.5	13.1	81	17	US-10-693-056-468	Sequence 468, App
778	214	14.2	1613	15	US-10-464-368-83	Sequence 83, Appl	851	196.5	13.1	81	17	US-10-840-723-468	Sequence 468, App
779	214	14.2	1613	15	US-10-464-368-84	Sequence 84, Appl	852	196.5	13.1	81	17	US-10-871-602-468	Sequence 468, App
780	214	14.2	1613	16	US-10-477-238A-811	Sequence 811, App	853	196	13.0	72	10	US-09-989-442-102	Sequence 102, App
781	214	14.2	1613	16	US-10-680-287A-811	Sequence 811, App	854	196	13.0	90	16	US-10-693-057-508	Sequence 508, App
782	214	14.2	1613	17	US-10-477-173-764	Sequence 764, App	855	196	13.0	90	17	US-10-693-056-508	Sequence 508, App
783	213	14.2	126	11	US-09-750-972-38	Sequence 38, Appl	856	196	13.0	90	17	US-10-840-723-508	Sequence 508, App
784	212	14.1	91	16	US-10-693-057-415	Sequence 415, App	857	196	13.0	90	17	US-10-871-602-508	Sequence 508, App
785	212	14.1	91	17	US-10-693-056-415	Sequence 415, App	858	195.5	13.0	90	16	US-10-693-057-422	Sequence 422, App
786	212	14.1	91	17	US-10-840-723-415	Sequence 415, App	859	195.5	13.0	90	17	US-10-693-056-422	Sequence 422, App
787	212	14.1	91	17	US-10-871-602-415	Sequence 415, App	860	195.5	13.0	90	17	US-10-840-723-422	Sequence 422, App
788	210.5	14.0	89	17	US-10-840-723-518	Sequence 518, App	861	195.5	13.0	90	17	US-10-871-602-422	Sequence 422, App
789	210.5	14.0	89	17	US-10-871-602-518	Sequence 518, App	862	194	12.9	338	14	US-10-029-386-31944	Sequence 31944, A
790	209.5	13.9	1718	15	US-10-415-188-6	Sequence 6, Appl	863	194	12.9	485	9	US-09-925-298-740	Sequence 740, App
791	208	13.8	89	16	US-10-693-057-428	Sequence 428, App	864	194	12.9	485	14	US-10-102-806-740	Sequence 740, App
792	208	13.8	89	17	US-10-693-056-428	Sequence 428, App	865	194	12.9	713	10	US-09-796-753-4	Sequence 4, Appl
793	208	13.8	89	17	US-10-840-723-428	Sequence 428, App	866	194	12.9	713	10	US-09-894-159-6	Sequence 6, Appl
794	208	13.8	89	17	US-10-871-602-428	Sequence 428, App	867	194	12.9	713	10	US-09-894-159-44	Sequence 44, Appl
795	207.5	13.8	85	16	US-10-693-057-472	Sequence 472, App	868	194	12.9	713	14	US-10-167-749-183	Sequence 183, App
796	207.5	13.8	85	17	US-10-693-056-472	Sequence 472, App	869	194	12.9	713	14	US-10-223-085-80	Sequence 80, Appl
797	207.5	13.8	85	17	US-10-840-723-472	Sequence 472, App	870	194	12.9	713	14	US-10-223-084-80	Sequence 80, Appl
798	207.5	13.8	85	17	US-10-871-602-472	Sequence 472, App	871	194	12.9	713	14	US-10-223-088-80	Sequence 80, Appl
799	207	13.8	85	17	US-10-693-057-507	Sequence 507, App	872	194	12.9	713	14	US-10-223-090-80	Sequence 80, Appl
800	207	13.8	97	16	US-10-693-056-507	Sequence 507, App	873	194	12.9	713	14	US-10-223-087-80	Sequence 80, Appl
801	207	13.8	97	17	US-10-840-723-507	Sequence 507, App	874	194	12.9	713	14	US-10-223-083-80	Sequence 80, Appl
802	207	13.8	97	17	US-10-871-602-507	Sequence 507, App	875	194	12.9	713	14	US-10-223-089-80	Sequence 80, Appl
803	206	13.7	89	16	US-10-693-057-413	Sequence 413, App	876	194	12.9	713	14	US-10-174-587-416	Sequence 416, App
804	206	13.7	89	17	US-10-693-056-413	Sequence 413, App	877	194	12.9	713	14	US-10-223-081-80	Sequence 80, Appl
805	206	13.7	89	17	US-10-840-723-413	Sequence 413, App	878	194	12.9	713	14	US-10-223-082-80	Sequence 80, Appl
806	206	13.7	89	17	US-10-871-602-413	Sequence 413, App	879	194	12.9	713	15	US-10-170-481A-183	Sequence 183, App
807	205	13.6	404	15	US-10-187-975-98	Sequence 98, Appl	880	194	12.9	713	15	US-10-210-028-183	Sequence 183, App
808	203.5	13.5	83	16	US-10-693-057-475	Sequence 475, App	881	194	12.9	713	15	US-10-162-521A-183	Sequence 183, App
809	203.5	13.5	83	17	US-10-693-056-475	Sequence 475, App	882	194	12.9	713	15	US-10-305-654-80	Sequence 80, Appl
810	203.5	13.5	83	17	US-10-840-723-475	Sequence 475, App	883	194	12.9	713	15	US-10-264-237-2722	Sequence 2722, App
811	203.5	13.5	83	17	US-10-871-602-475	Sequence 475, App	884	194	12.9	713	15	US-10-081-056-80	Sequence 80, Appl
812	202.5	13.5	548	15	US-10-369-493-5768	Sequence 5768, Ap	885	194	12.9	713	17	US-10-918-851-183	Sequence 183, App
813	201.5	13.4	800	16	US-10-473-127-800	Sequence 800, App	886	194	12.9	713	17	US-10-805-667-183	Sequence 183, App
814	201	13.4	161	11	US-09-750-972-26	Sequence 26, Appl	887	194	12.9	713	17	US-10-897-359-183	Sequence 183, App
815	201	13.4	591	17	US-10-865-978-17	Sequence 17, Appl	888	194	12.9	713	17	US-10-893-802-183	Sequence 183, App
816	201	13.4	719	17	US-10-865-978-16	Sequence 16, Appl	889	194	12.9	713	17	US-10-897-360-183	Sequence 183, App

1494 193.5 12.9 855 15 US-10-072-012-356
1495 193.5 12.9 855 15 US-10-072-012-414
1496 193.5 12.9 855 15 US-10-072-012-417
1497 193 12.8 81 16 US-10-693-057-469
1498 193 12.8 81 17 US-10-693-056-469
1499 193 12.8 81 17 US-10-840-723-469
1500 193 12.8 81 17 US-10-871-602-469

Sequence 356, App
Sequence 414, App
Sequence 417, App
Sequence 469, App
Sequence 469, App
Sequence 469, App
Sequence 469, App

Search completed: June 29, 2005, 11:37:09
Job time : 121.66 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 29, 2005, 11:07:57 ; Search time 23.3796 Seconds
(without alignments)
731.178 Million cell updates/sec

Title: US-09-904-532B-127_COPY_1_229

Perfect score: 1260

Sequence: 1 MSGGWAQVCAWRTGALGLA.....SVGNATSSSAGDQSGSPTAY 229

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : Issued Patents AA:*

1: /cgn2_6/ptodata/1/iaa/5A COMB.pep.*

2: /cgn2_6/ptodata/1/iaa/5B COMB.pep.*

3: /cgn2_6/ptodata/1/iaa/6A COMB.pep.*

4: /cgn2_6/ptodata/1/iaa/6B COMB.pep.*

5: /cgn2_6/ptodata/1/iaa/PGTUS COMB.pep.*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1260	100.0	282	4	US-09-907-794A-127
2	1260	100.0	282	4	US-09-905-125A-127
3	1260	100.0	282	4	US-09-902-775A-127
4	1260	100.0	282	4	US-09-906-700-127
5	1260	100.0	282	4	US-09-808-847-1
6	1260	100.0	282	4	US-09-903-603A-127
7	1260	100.0	282	4	US-09-904-820A-127
8	1260	100.0	282	4	US-09-909-664-127
9	1260	100.0	282	4	US-09-905-381A-127
10	1260	100.0	282	4	US-09-906-618-127
11	342	27.1	132	4	US-09-148-545-147
12	296.5	23.5	904	4	US-09-949-016-9528
13	277.5	22.0	873	1	US-08-333-734-2
14	277.5	22.0	873	3	US-08-894-489-2
15	273.5	21.7	846	1	US-08-149-103-3
16	273.5	21.7	846	1	US-08-451-883-3
17	270.5	21.5	846	1	US-08-149-103-4
18	270.5	21.5	846	1	US-08-451-883-4
19	251	19.9	2362	4	US-09-949-016-8985
20	251	19.9	4544	1	US-08-469-486-52
21	251	19.9	4544	2	US-08-469-658-52
22	245	19.4	726	6	5208144-37
23	245	19.4	726	6	5208144-37
24	245	19.4	2214	1	US-08-727-034-7
25	245	19.4	2214	4	US-09-919-039-40
26	241	19.1	4654	3	US-08-476-515A-84
27	241	19.1	4655	3	US-08-652-877-84
28	241	19.1	4655	3	US-08-652-877-86
29	241	19.1	4655	3	US-08-652-877-88
30	241	19.1	4655	3	US-08-652-877-90
31	237.5	18.8	1586	4	US-09-060-299-44
32	237.5	18.8	1586	4	US-09-402-923A-44
33	237.5	18.8	1614	4	US-09-060-299-42
34	237.5	18.8	1614	4	US-09-402-923A-42
35	236	18.7	2213	1	US-08-727-034-3
36	227	18.0	4391	4	US-10-006-011A-2
37	226.5	18.0	356	1	US-08-228-162-2
38	226.5	18.0	860	1	US-08-092-817-4
39	226.5	18.0	860	3	US-08-485-128-4
40	226.5	18.0	860	4	US-09-804-778A-8
41	226.5	18.0	860	4	US-09-824-637-4
42	226.5	18.0	1074	2	US-08-470-058-2
43	226.5	18.0	1074	3	US-09-037-188-2
44	226.5	18.0	1074	3	US-09-285-310-2
45	226.5	18.0	1410	2	US-08-470-058-4
46	226.5	18.0	1410	3	US-09-037-188-4
47	226.5	18.0	1410	3	US-09-285-310-4
48	225.5	17.9	1345	4	US-09-949-016-8313
49	220.5	17.5	1451	4	US-09-060-299-25
50	220.5	17.5	1451	4	US-09-402-923A-25
51	220.5	17.5	1584	4	US-09-060-299-39
52	220.5	17.5	1584	4	US-09-402-923A-39
53	220.5	17.5	1591	4	US-09-060-299-4
54	220.5	17.5	1591	4	US-09-060-299-43
55	220.5	17.5	1591	4	US-09-402-923A-4
56	220.5	17.5	1591	4	US-09-402-923A-43
57	220.5	17.5	1615	4	US-09-060-299-3
58	220.5	17.5	1615	4	US-09-402-923A-3
59	220.5	17.5	1639	4	US-09-060-299-29
60	220.5	17.5	1639	4	US-09-402-923A-29
61	219.5	17.4	943	3	US-08-476-515A-12
62	219.5	17.4	943	3	US-08-652-877-12
63	219.5	17.4	1615	4	US-09-544-398B-3
64	219.5	17.4	1615	4	US-09-544-398B-4
65	219.5	17.4	1615	4	US-09-543-771B-3
66	219.5	17.4	1615	4	US-09-543-771B-4
67	216	17.1	1113	4	US-09-959-392-4
68	208	16.5	1621	4	US-09-949-016-8450
69	207.5	16.5	884	6	5208144-8
70	207.5	16.5	884	6	5208144-8
71	205.5	16.3	750	4	US-09-270-767-42975
72	201	16.0	159	6	5208144-35
73	201	16.0	159	6	5208144-35
74	201	16.0	1042	4	US-09-959-392-2
75	198	15.7	158	4	US-09-270-767-32962
76	198	15.7	158	4	US-09-270-767-48179
77	194	15.4	137	4	US-09-270-767-32781
78	190	15.1	161	4	US-10-293-622-4
79	190	15.1	345	4	US-10-293-622-2
80	188.5	15.0	902	4	US-09-844-600-10
81	188.5	15.0	902	4	US-09-854-600A-10
82	183.5	14.6	806	4	US-09-949-016-7248
83	183	14.5	302	4	US-09-270-767-33326
84	183	14.5	302	4	US-09-270-767-48543
85	176.5	14.0	136	4	US-09-513-999C-4465
86	173.5	13.8	855	2	US-09-027-337-2
87	173.5	13.8	855	4	US-09-844-600-2
88	173.5	13.8	855	4	US-09-654-600A-2
89	167	13.3	242	4	US-09-270-767-32046
90	151	12.0	441	4	US-09-949-016-11196
91	149	11.8	473	4	US-09-949-016-7944
92	140	11.1	107	4	US-10-000-489-10
93	140	11.1	107	4	US-10-000-489-12
94	140	11.1	107	4	US-10-000-489-14
95	140	11.1	107	4	US-10-000-489-16
96	135.5	10.8	35	4	US-09-060-299-22
97	135.5	10.8	35	4	US-09-402-923A-22
98	135.5	10.8	37	4	US-09-060-299-18
99	135.5	10.8	37	4	US-09-402-923A-18
100	134	10.6	508	4	US-09-902-540-10562

Sequence 86, Appl
Sequence 88, Appl
Sequence 90, Appl
Sequence 44, Appl
Sequence 44, Appl
Sequence 42, Appl
Sequence 3, Appl
Sequence 2, Appl
Sequence 4, Appl
Sequence 8, Appl
Sequence 4, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 4, Appl
Sequence 4, Appl
Sequence 8313, Ap
Sequence 25, Appl
Sequence 39, Appl
Sequence 43, Appl
Sequence 43, Appl
Sequence 3, Appl
Sequence 3, Appl
Sequence 23, Appl
Sequence 29, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 3, Appl
Sequence 4, Appl
Sequence 3, Appl
Sequence 4, Appl
Sequence 4, Appl
Sequence 450, Ap
Patent No. 5208144
Patent No. 5208144
Patent No. 5208144
Sequence 2, Appl
Sequence 32962, A
Sequence 48179, A
Sequence 32781, A
Sequence 4, Appl
Sequence 2, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 7248, Ap
Sequence 3326, A
Sequence 48543, A
Sequence 4465, Ap
Sequence 2, Appl
Sequence 2, Appl
Sequence 32046, A
Sequence 11196, A
Sequence 7944, Ap
Sequence 10, Appl
Sequence 12, Appl
Sequence 14, Appl
Sequence 16, Appl
Sequence 22, Appl
Sequence 22, Appl
Sequence 19, Appl
Sequence 10562, A

101	133.5	10.6	652	2	US-08-751-305-2	Sequence 2, Appli	174	107.5	8.5	2199	4	US-08-793-273C-2	Sequence 2, Appli
102	127	10.1	298	4	US-09-502-540-12595	Sequence 12595, A	175	107.5	8.5	2199	5	PCT-US95-11684-2	Sequence 2, Appli
103	125.5	10.0	291	4	US-09-270-767-45280	Sequence 45280, A	176	107.5	8.5	2200	4	US-09-796-575-2	Sequence 2, Appli
104	123	9.8	39	4	US-09-060-299-17	Sequence 17, Appl	177	107.5	8.5	2703	1	US-08-185-432-19	Sequence 19, Appl
105	123	9.8	39	4	US-09-402-923A-17	Sequence 17, Appl	178	107.5	8.5	2703	4	US-08-899-233-4	Sequence 4, Appli
106	118	9.4	42	6	5208144-19	Patent No. 5208144	179	107.5	8.5	2703	4	US-09-121-457-4	Sequence 4, Appli
107	118	9.4	42	6	5208144-19	Patent No. 5208144	180	107	8.5	550	4	US-09-949-016-11512	Sequence 11512, A
108	118	9.4	348	3	US-09-071-709-2	Sequence 2, Appli	181	107	8.5	737	4	US-09-866-028-15	Sequence 15, Appl
109	118	9.4	427	3	US-09-086-483A-4	Sequence 4, Appli	182	107	8.5	737	4	US-09-944-457-15	Sequence 15, Appl
110	118	9.4	427	3	US-09-041-886-2	Sequence 2, Appli	183	106.5	8.5	583	4	US-09-976-594-837	Sequence 837, App
111	118	9.4	427	3	US-09-006-353A-5	Sequence 5, Appli	184	106	8.4	1404	2	US-08-400-159-2	Sequence 2, Appli
112	118	9.4	427	4	US-09-573-986-5	Sequence 5, Appli	185	106	8.4	1404	3	US-08-611-729A-2	Sequence 2, Appli
113	118	9.4	427	4	US-09-580-212-4	Sequence 4, Appli	186	106	8.4	1404	4	US-09-195-524-2	Sequence 2, Appli
114	118	9.4	427	4	US-09-769-402-4	Sequence 4, Appli	187	105.5	8.4	74	4	US-09-621-976-4087	Sequence 4087, Ap
115	118	9.4	427	4	US-09-748-537-13	Sequence 13, Appl	188	105.5	8.4	170	4	US-08-828-683A-14	Sequence 14, Appl
116	118	9.4	427	4	US-10-092-138A-24	Sequence 24, Appl	189	105.5	8.4	170	4	US-09-523-323-57	Sequence 57, Appl
117	118	9.4	427	4	US-09-949-016-6233	Sequence 6233, Ap	190	104.5	8.3	28	4	US-09-959-392-27	Sequence 27, Appl
118	118	9.4	455	3	US-09-527-236A-4	Sequence 4, Appli	191	104.5	8.3	655	1	US-08-148-910-12	Sequence 12, Appl
119	118	9.4	455	4	US-09-756-854-4	Sequence 4, Appli	192	104.5	8.3	655	1	US-08-448-937A-12	Sequence 12, Appl
120	118	9.4	464	4	US-09-949-016-9441	Sequence 9441, Ap	193	104	8.3	299	3	US-09-188-930-332	Sequence 332, App
121	118	9.4	529	4	US-09-742-201-2	Sequence 2, Appli	194	104	8.3	299	4	US-09-312-283C-192	Sequence 192, App
122	117	9.3	42	6	5208144-22	Patent No. 5208144	195	104	8.3	299	4	US-09-312-283C-332	Sequence 332, App
123	117	9.3	42	6	5208144-22	Patent No. 5208144	196	104	8.3	557	1	US-08-313-288B-16	Sequence 16, Appl
124	117	9.3	515	4	US-09-902-540-16669	Sequence 16669, A	197	104	8.3	560	2	US-08-559-492-5	Sequence 5, Appli
125	116.5	9.2	197	2	US-08-505-606-1	Sequence 1, Appli	198	104	8.3	560	4	US-09-949-016-10197	Sequence 10197, A
126	116.5	9.2	197	4	US-09-000-166-1	Sequence 1, Appli	199	103	8.2	348	1	US-08-468-847B-14	Sequence 14, Appl
127	116.5	9.2	197	4	US-09-303-262-1	Sequence 1, Appli	200	102.5	8.1	1036	3	US-09-068-740A-6	Sequence 6, Appli
128	116	9.2	277	4	US-08-469-633A-4	Sequence 4, Appli	201	102.5	8.1	1067	4	US-09-579-536C-18	Sequence 18, Appl
129	115.5	9.2	37	3	US-09-518-046-11	Sequence 11, Appl	202	102.5	8.1	1187	3	US-09-068-740A-7	Sequence 7, Appli
130	115	9.1	41	6	5208144-18	Patent No. 5208144	203	102.5	8.1	1208	4	US-09-199-865-1	Sequence 1, Appli
131	115	9.1	41	6	5208144-18	Patent No. 5208144	204	102.5	8.1	1208	4	US-10-213-329-1	Sequence 1, Appli
132	115	9.1	277	2	US-08-147-784-2	Sequence 2, Appli	205	102.5	8.1	1218	2	US-08-400-159-6	Sequence 6, Appli
133	115	9.1	277	3	US-08-195-967-2	Sequence 2, Appli	206	102.5	8.1	1218	3	US-08-611-729A-6	Sequence 6, Appli
134	115	9.1	277	3	US-09-006-353A-12	Sequence 12, Appl	207	102.5	8.1	1218	3	US-08-882-046-2	Sequence 2, Appli
135	115	9.1	277	3	US-08-472-940-2	Sequence 2, Appli	208	102.5	8.1	1218	3	US-09-214-278-7	Sequence 7, Appli
136	115	9.1	277	4	US-09-573-986-12	Sequence 12, Appl	209	102.5	8.1	1218	3	US-09-068-740A-11	Sequence 11, Appl
137	115	9.1	277	4	US-09-880-939-2	Sequence 2, Appli	210	102.5	8.1	1218	4	US-09-855-722-7	Sequence 7, Appli
138	115	9.1	277	4	US-09-804-200-2	Sequence 2, Appli	211	102.5	8.1	1218	4	US-09-566-047-2	Sequence 2, Appli
139	113	9.0	525	4	US-09-538-092-299	Sequence 299, App	212	102.5	8.1	1218	4	US-09-917-254-85	Sequence 85, Appl
140	112.5	8.9	294	3	US-09-518-046-4	Sequence 4, Appli	213	102.5	8.1	1218	4	US-09-195-524-6	Sequence 6, Appli
141	112.5	8.9	454	3	US-09-518-046-2	Sequence 2, Appli	214	102.5	8.1	1218	4	US-09-579-536C-1	Sequence 1, Appli
142	112.5	8.9	455	3	US-09-261-416-2	Sequence 2, Appli	215	102.5	8.1	1218	4	US-09-949-016-5902	Sequence 5902, Ap
143	112	8.9	234	4	US-09-502-540-15175	Sequence 15175, A	216	102.5	8.1	1219	3	US-08-882-046-5	Sequence 5, Appli
144	111.5	8.8	583	4	US-09-502-540-10714	Sequence 10714, A	217	102.5	8.1	1219	4	US-09-566-047-5	Sequence 10297, A
145	111	8.8	469	1	US-08-313-288B-15	Sequence 15, Appl	218	102.5	8.1	1254	5	US-09-949-016-10297	Sequence 10297, A
146	111	8.8	484	4	US-09-949-016-9698	Sequence 9698, Ap	219	102	8.1	1251	5	PCT-US95-02251-3	Sequence 3, Appli
147	110.5	8.8	235	4	US-09-502-540-15031	Sequence 15031, A	220	102	8.1	1252	1	US-08-199-780-3	Sequence 3, Appli
148	110	8.7	798	1	US-08-200-900A-2	Sequence 2, Appli	221	102	8.1	1252	2	US-08-316-650-3	Sequence 3, Appli
149	110	8.7	798	1	US-08-794-042-2	Sequence 2, Appli	222	102	8.1	1256	1	US-08-185-432-17	Sequence 17, Appl
150	110	8.7	798	5	PCT-US94-00616-2	Sequence 2, Appli	223	102	8.1	2556	1	US-08-083-590A-20	Sequence 20, Appl
151	110	8.7	1964	3	US-09-467-997-1	Sequence 1, Appli	224	102	8.1	2556	3	US-08-532-384-20	Sequence 20, Appl
152	109.5	8.7	224	3	US-08-974-022-50	Sequence 50, Appl	225	102	8.1	2556	4	US-08-899-232-2	Sequence 2, Appli
153	109.5	8.7	224	3	US-08-795-445A-50	Sequence 50, Appl	226	102	8.1	2556	4	US-09-121-457-2	Sequence 2, Appli
154	109.5	8.7	224	3	US-08-795-447A-50	Sequence 50, Appl	227	101	8.0	186	1	US-08-089-458B-6	Sequence 6, Appli
155	109.5	8.7	224	3	US-08-974-186-50	Sequence 50, Appl	228	101	8.0	1761	4	US-09-561-709B-1	Sequence 1, Appli
156	109.5	8.7	224	3	US-08-795-446B-50	Sequence 50, Appl	229	101	8.0	1940	2	US-08-644-271-30	Sequence 30, Appl
157	109.5	8.7	224	3	US-08-706-945D-137	Sequence 137, App	230	101	8.0	1940	4	US-09-077-955-34	Sequence 34, Appl
158	109.5	8.7	224	4	US-08-577-788C-51	Sequence 51, Appl	231	100.5	8.0	584	1	US-08-313-288B-17	Sequence 17, Appl
159	109	8.7	521	4	US-09-949-016-11081	Sequence 11081, A	232	100.5	8.0	614	4	US-09-949-016-8536	Sequence 8536, Ap
160	109	8.7	521	4	US-09-949-016-11082	Sequence 11082, A	233	100.5	8.0	1010	3	US-08-882-046-7	Sequence 7, Appli
161	109	8.7	521	4	US-09-949-016-11083	Sequence 11083, A	234	100.5	8.0	1010	4	US-09-566-047-7	Sequence 7, Appli
162	108.5	8.6	513	3	US-08-685-558A-18	Sequence 18, Appl	235	100.5	8.0	1765	4	US-09-562-702A-16	Sequence 16, Appl
163	108.5	8.6	513	4	US-09-765-449-18	Sequence 18, Appl	236	100.5	8.0	1765	4	US-09-561-818A-16	Sequence 16, Appl
164	108.5	8.6	571	4	US-09-949-016-10184	Sequence 10184, A	237	100.5	8.0	1786	4	US-09-562-702A-14	Sequence 14, Appl
165	108.5	8.6	2523	1	US-08-185-432-18	Sequence 18, Appl	238	100.5	8.0	1786	4	US-09-561-818A-14	Sequence 14, Appl
166	108.5	8.6	2523	4	US-08-899-232-3	Sequence 3, Appli	239	100.5	8.0	1786	4	US-09-561-709B-9	Sequence 9, Appli
167	108.5	8.6	2523	3	US-09-121-457-3	Sequence 2, Appli	240	100.5	8.0	1786	4	US-09-538-092-869	Sequence 869, App
168	108	8.6	303	1	US-08-109-391A-2	Sequence 2, Appli	241	100.5	8.0	2321	4	US-09-230-652-2	Sequence 2, Appli
169	108	8.6	303	1	US-08-459-019A-2	Sequence 2, Appli	242	99.5	7.9	289	4	US-09-902-540-12179	Sequence 12179, A
170	108	8.6	303	2	US-08-460-428A-2	Sequence 2, Appli	243	99.5	7.9	1656	4	US-09-949-016-7247	Sequence 7247, Ap
171	108	8.6	303	3	US-08-458-860A-2	Sequence 2, Appli	244	99.5	7.9	1821	4	US-09-949-016-5938	Sequence 5938, Ap
172	108	8.6	2254	4	US-09-949-016-9270	Sequence 9270, Ap	245	99	7.9	277	4	US-09-270-767-46430	Sequence 46430, A
173	107.5	8.5	613	4	US-09-902-540-9893	Sequence 9893, Ap	246	99	7.9	438	1	US-08-097-827-11	Sequence 11, Appl

247	99	7.9	438	1	US-08-494-574-11	Sequence 11, Appl	320	94.5	7.5	433	4	US-09-270-767-44417	Sequence 44417, A
248	99	7.9	1253	3	US-08-479-722B-4	Sequence 4, Appl	321	94.5	7.5	1540	4	US-09-949-016-11382	Sequence 11382, A
249	99	7.9	1253	4	US-09-592-685-4	Sequence 4, Appl	322	94.5	7.5	1540	4	US-09-949-016-11383	Sequence 11383, A
250	98.5	7.8	299	3	US-09-188-930-192	Sequence 192, App	323	94.5	7.5	1719	2	US-08-459-568-4	Sequence 4, Appl
251	98.5	7.8	347	4	US-09-582-337-2	Sequence 2, Appl	324	94.5	7.5	1719	2	US-08-399-411-4	Sequence 4, Appl
252	98	7.8	257	4	US-09-252-991A-11869	Sequence 31869, A	325	94.5	7.5	1719	3	US-08-516-859A-4	Sequence 4, Appl
253	98	7.8	458	4	US-09-902-540-12664	Sequence 12664, A	326	94.5	7.5	1719	3	US-09-586-472-4	Sequence 4, Appl
254	98	7.8	2471	1	US-08-185-432-16	Sequence 16, Appl	327	94.5	7.5	1719	4	US-09-528-706-4	Sequence 4, Appl
255	98	7.8	2471	3	US-08-083-590A-19	Sequence 19, Appl	328	94.5	7.5	2508	4	US-09-627-650B-7	Sequence 7, Appl
256	98	7.8	2471	3	US-08-532-384A-19	Sequence 19, Appl	329	94.5	7.5	2508	4	US-09-436-063C-7	Sequence 7, Appl
257	98	7.8	2471	4	US-08-899-232-1	Sequence 1, Appl	330	94.5	7.5	2544	4	US-09-627-650B-3	Sequence 3, Appl
258	98	7.8	2471	4	US-09-121-457-1	Sequence 1, Appl	331	94.5	7.5	2544	4	US-09-436-063C-3	Sequence 3, Appl
259	97.5	7.7	281	3	US-08-652-877-7	Sequence 7, Appl	332	94.5	7.5	2594	3	US-08-718-388-7	Sequence 7, Appl
260	97.5	7.7	281	3	US-08-476-515A-7	Sequence 7, Appl	333	94.5	7.5	2601	4	US-09-627-650B-9	Sequence 9, Appl
261	97.5	7.7	425	4	US-09-748-537-14	Sequence 14, Appl	334	94.5	7.5	2601	4	US-09-436-063C-9	Sequence 9, Appl
262	97.5	7.7	437	4	US-09-252-991A-25331	Sequence 25331, A	335	94.5	7.5	5405	3	US-08-718-388-9	Sequence 9, Appl
263	97.5	7.7	1148	3	US-08-882-046-4	Sequence 4, Appl	336	94	7.5	345	4	US-09-461-912A-43	Sequence 43, Appl
264	97.5	7.7	1148	4	US-09-566-047-4	Sequence 4, Appl	337	94	7.5	345	4	US-09-949-016-6164	Sequence 6164, Ap
265	97	7.7	721	4	US-09-949-016-11031	Sequence 11031, A	338	94	7.5	345	4	US-09-284-819-6	Sequence 6, Appl
266	97	7.7	3084	4	US-09-562-702A-12	Sequence 12, Appl	339	94	7.5	835	4	US-09-262-537-12	Sequence 12, Appl
267	97	7.7	3106	4	US-09-562-702A-10	Sequence 10, Appl	340	94	7.5	835	4	US-09-631-603-9	Sequence 9, Appl
268	96.5	7.7	36	4	US-09-060-299-20	Sequence 20, Appl	341	94	7.5	1238	3	US-09-214-278-5	Sequence 5, Appl
269	96.5	7.7	36	4	US-09-402-923A-20	Sequence 20, Appl	342	94	7.5	1238	4	US-09-855-722-5	Sequence 5, Appl
270	96.5	7.7	583	4	US-09-641-612-2	Sequence 2, Appl	343	93.5	7.4	35	4	US-09-060-299-21	Sequence 21, Appl
271	96.5	7.7	1104	2	US-08-327-832-5	Sequence 5, Appl	344	93.5	7.4	35	4	US-09-402-923A-21	Sequence 21, Appl
272	96.5	7.7	1104	2	US-08-828-584-5	Sequence 5, Appl	345	93.5	7.4	43	6	5208144-27	Patent No. 5208144
273	96.5	7.7	1248	3	US-08-882-046-6	Sequence 6, Appl	346	93.5	7.4	43	6	5208144-27	Patent No. 5208144
274	96.5	7.7	1248	4	US-09-566-047-6	Sequence 6, Appl	347	93.5	7.4	349	1	US-08-167-628-2	Sequence 2, Appl
275	96.5	7.7	1461	4	US-10-142-231-86	Sequence 86, Appl	348	93.5	7.4	349	1	US-08-386-680-2	Sequence 2, Appl
276	96	7.6	211	3	US-09-286-529-20	Sequence 20, Appl	349	93.5	7.4	349	1	US-08-459-717-2	Sequence 2, Appl
277	96	7.6	259	3	US-09-006-353A-2	Sequence 2, Appl	350	93.5	7.4	349	1	US-08-712-302-2	Sequence 2, Appl
278	96	7.6	259	3	US-09-573-986-2	Sequence 2, Appl	351	93.5	7.4	349	1	US-08-880-031-2	Sequence 2, Appl
279	96	7.6	299	3	US-09-153-927-3	Sequence 3, Appl	352	93.5	7.4	349	3	US-09-054-368-2	Sequence 2, Appl
280	96	7.6	299	4	US-09-134-618-4	Sequence 4, Appl	353	93.5	7.4	349	3	US-09-097-179-2	Sequence 2, Appl
281	96	7.6	299	4	US-09-949-016-6422	Sequence 6422, Ap	354	93.5	7.4	349	3	US-09-054-274-2	Sequence 2, Appl
282	96	7.6	301	4	US-09-949-016-9189	Sequence 9189, Ap	355	93.5	7.4	349	3	US-09-080-715-2	Sequence 2, Appl
283	96	7.6	348	3	US-09-292-036-3	Sequence 3, Appl	356	93.5	7.4	349	3	US-09-056-704-2	Sequence 2, Appl
284	96	7.6	383	1	US-08-597-445-2	Sequence 2, Appl	357	93.5	7.4	349	3	US-09-292-036-4	Sequence 4, Appl
285	96	7.6	383	1	US-08-457-135-2	Sequence 2, Appl	358	93.5	7.4	349	3	US-09-253-316-26	Sequence 26, Appl
286	96	7.6	383	4	US-09-142-027A-12	Sequence 12, Appl	359	93.5	7.4	349	4	US-09-142-569-8	Sequence 8, Appl
287	96	7.6	512	4	US-09-270-767-43154	Sequence 43154, A	360	93.5	7.4	349	4	US-09-461-688-2	Sequence 2, Appl
288	96	7.6	735	3	US-09-131-647-9	Sequence 9, Appl	361	93.5	7.4	349	4	US-09-495-448A-8	Sequence 8, Appl
289	96	7.6	735	3	US-09-540-245A-9	Sequence 9, Appl	362	93.5	7.4	349	4	US-09-949-016-6141	Sequence 6141, Ap
290	96	7.6	735	3	US-09-540-153-9	Sequence 9, Appl	363	93.5	7.4	349	5	PCT-US96-08140-2	Sequence 2, Appl
291	95.5	7.6	299	3	US-09-286-529-17	Sequence 17, Appl	364	93.5	7.4	561	2	US-08-559-492-12	Sequence 12, Appl
292	95.5	7.6	642	4	US-09-949-016-8043	Sequence 8043, Ap	365	93.5	7.4	721	3	US-08-872-855-7	Sequence 7, Appl
293	95.5	7.6	1055	3	US-09-214-278-2	Sequence 2, Appl	366	93.5	7.4	999	4	US-09-747-371-2	Sequence 2, Appl
294	95.5	7.6	1055	4	US-09-855-722-2	Sequence 2, Appl	367	93.5	7.4	1587	4	US-09-845-583A-10	Sequence 10, Appl
295	95.5	7.6	1065	2	US-08-400-159-8	Sequence 8, Appl	368	93.5	7.4	1587	4	US-09-561-709B-3	Sequence 3, Appl
296	95.5	7.6	1212	3	US-09-214-278-3	Sequence 3, Appl	369	93.5	7.4	1935	4	US-09-949-016-10403	Sequence 10403, A
297	95.5	7.6	1212	4	US-09-855-722-3	Sequence 3, Appl	370	93.5	7.4	2871	4	US-09-538-092-1076	Sequence 1076, Ap
298	95.5	7.6	1257	3	US-09-611-729A-8	Sequence 8, Appl	371	93	7.4	35	3	US-09-518-046-13	Sequence 13, Appl
299	95.5	7.6	1257	4	US-09-195-524-8	Sequence 4, Appl	372	93	7.4	348	1	US-08-468-847B-15	Sequence 15, Appl
300	95.5	7.6	1358	1	US-08-404-665-4	Sequence 4, Appl	373	93	7.4	348	4	US-09-142-569-6	Sequence 6, Appl
301	95.5	7.6	1358	1	US-08-404-671-4	Sequence 4, Appl	374	93	7.4	348	4	US-09-495-448A-6	Sequence 6, Appl
302	95.5	7.6	1358	1	US-08-404-781-4	Sequence 4, Appl	375	93	7.4	385	1	US-08-597-545-1	Sequence 1, Appl
303	95	7.5	300	2	US-08-794-796-2	Sequence 2, Appl	376	93	7.4	385	1	US-08-457-135-1	Sequence 1, Appl
304	95	7.5	300	4	US-09-632-277A-2	Sequence 2, Appl	377	93	7.4	385	4	US-09-142-027A-10	Sequence 10, Appl
305	95	7.5	300	4	US-09-523-323-52	Sequence 52, Appl	378	93	7.4	443	2	US-08-833-963C-2	Sequence 2, Appl
306	95	7.5	300	4	US-09-896-096A-1	Sequence 1, Appl	379	93	7.4	443	3	US-08-980-514-1	Sequence 1, Appl
307	95	7.5	300	4	US-09-936-019-3	Sequence 3, Appl	380	93	7.4	466	4	US-09-949-016-7792	Sequence 7792, Ap
308	95	7.5	333	4	US-09-949-016-7678	Sequence 7678, Ap	381	93	7.4	816	2	US-08-820-170A-37	Sequence 37, Appl
309	95	7.5	1345	2	US-08-977-767-3	Sequence 3, Appl	382	93	7.4	816	3	US-09-055-699-37	Sequence 37, Appl
310	95	7.5	1799	4	US-09-845-583A-6	Sequence 6, Appl	383	93	7.4	816	3	US-09-273-565-37	Sequence 37, Appl
311	94.5	7.5	176	4	US-09-252-991A-21933	Sequence 21933, A	384	93	7.4	816	3	US-09-565-538-37	Sequence 37, Appl
312	94.5	7.5	206	1	US-08-097-827-7	Sequence 7, Appl	385	93	7.4	816	3	US-09-661-468-37	Sequence 37, Appl
313	94.5	7.5	206	1	US-08-494-574-7	Sequence 7, Appl	386	93	7.4	816	4	US-09-976-165-37	Sequence 37, Appl
314	94.5	7.5	224	4	US-09-270-767-59848	Sequence 59848, A	387	93	7.4	1130	4	US-09-538-092-834	Sequence 834, App
315	94.5	7.5	321	4	US-09-949-016-9782	Sequence 9782, Ap	388	93	7.4	1169	4	US-09-949-016-9630	Sequence 9630, Ap
316	94.5	7.5	321	4	US-09-187-478-2	Sequence 2, Appl	389	93	7.4	1193	2	US-08-400-159-10	Sequence 10, Appl
317	94.5	7.5	347	3	US-09-232-036-2	Sequence 2, Appl	390	93	7.4	1193	3	US-08-611-729A-10	Sequence 10, Appl
318	94.5	7.5	357	1	US-08-468-847B-17	Sequence 17, Appl	391	93	7.4	1193	4	US-09-195-524-10	Sequence 10, Appl
319	94.5	7.5	357	3	US-09-253-316-25	Sequence 25, Appl	392	93	7.4	1706	2	US-08-459-568-2	Sequence 2, Appl

393	7.4	93	1706	2	US-08-399-411-2	Sequence 2, Appli	466	89.5	7.1	855	3	US-09-813-819-2	Sequence 2, Appli
394	7.4	93	1706	3	US-08-516-859A-2	Sequence 2, Appli	467	89.5	7.1	855	3	US-09-920-048-2	Sequence 2, Appli
395	7.4	93	1706	4	US-09-586-472-2	Sequence 2, Appli	468	89.5	7.1	855	4	US-10-014-501-2	Sequence 2, Appli
396	7.4	93	1706	4	US-09-528-706-2	Sequence 2, Appli	469	89.5	7.1	2732	4	US-09-086-436-30	Sequence 30, Appli
397	92.5	7.3	910	4	US-09-902-540-10793	Sequence 10793, A	470	89	7.1	148	3	US-08-882-907-15	Sequence 15, Appli
398	92.5	7.3	970	4	US-09-949-016-10131	Sequence 10131, A	471	89	7.1	148	4	US-10-032-658-15	Sequence 15, Appli
399	92.5	7.3	2353	3	US-08-984-709A-50	Sequence 50, Appl	472	89	7.1	717	3	US-08-872-855-9	Sequence 9, Appli
400	92.5	7.3	3635	4	US-09-845-583A-2	Sequence 2, Appli	473	89	7.1	832	3	US-08-981-392-6	Sequence 6, Appli
401	92.5	7.3	3647	4	US-09-949-016-10932	Sequence 10932, A	474	89	7.1	832	4	US-09-908-322-6	Sequence 6, Appli
402	92	7.3	326	1	US-08-292-549-4	Sequence 4, Appli	475	89	7.1	1239	2	US-08-937-931-2	Sequence 2, Appli
403	92	7.3	326	5	PCT-US91-02207-4	Sequence 4, Appli	476	89	7.1	1239	3	US-09-285-502-2	Sequence 2, Appli
404	92	7.3	351	3	US-09-245-041-11	Sequence 11, Appl	477	89	7.1	1239	3	US-09-709-126-2	Sequence 2, Appli
405	92	7.3	351	4	US-09-358-055B-11	Sequence 11, Appl	478	89	7.1	1239	3	US-09-871-385A-2	Sequence 2, Appli
406	92	7.3	351	4	US-09-893-238-11	Sequence 11, Appl	479	89	7.1	2123	4	US-09-949-016-7517	Sequence 7517, Ap
407	92	7.3	786	3	US-09-103-429A-3	Sequence 3, Appli	480	89	7.1	3070	4	US-09-961-403-7	Sequence 7, Appli
408	92	7.3	1171	1	US-08-445-135-1	Sequence 1, Appli	481	89	7.1	3075	2	US-08-460-309-5	Sequence 5, Appli
409	91.5	7.3	35	3	US-09-518-046-12	Sequence 12, Appl	482	89	7.1	3075	4	US-08-125-077-5	Sequence 5, Appli
410	91.5	7.3	301	4	US-09-902-540-11985	Sequence 11985, A	483	89	7.1	3088	4	US-09-562-702A-8	Sequence 8, Appli
411	91.5	7.3	475	4	US-09-270-767-46207	Sequence 46207, A	484	89	7.1	3089	4	US-09-562-702A-4	Sequence 4, Appli
412	91.5	7.3	571	4	US-09-902-540-16194	Sequence 16194, A	485	89	7.1	3110	4	US-09-562-702A-2	Sequence 2, Appli
413	91.5	7.3	1073	4	US-09-949-016-9771	Sequence 9771, Ap	486	89	7.1	3110	4	US-09-562-702A-6	Sequence 6, Appli
414	91.5	7.3	1101	4	US-09-561-709B-5	Sequence 5, Appli	487	89	7.1	3110	4	US-09-561-709B-7	Sequence 7, Appli
415	91.5	7.3	1111	1	US-08-317-450B-15	Sequence 15, Appl	488	89	7.1	3110	4	US-09-917-254-86	Sequence 86, Appl
416	91.5	7.3	1111	3	US-08-800-593-15	Sequence 15, Appl	489	89	7.1	3110	4	US-09-949-016-5937	Sequence 5937, Ap
417	91.5	7.3	1172	4	US-09-560-385A-28	Sequence 28, Appl	490	89	7.1	3111	2	US-08-460-309-4	Sequence 4, Appli
418	91.5	7.3	1172	4	US-09-560-385A-32	Sequence 32, Appl	491	89	7.1	3111	2	US-08-125-077-4	Sequence 4, Appli
419	91.5	7.3	1193	1	US-08-317-450B-13	Sequence 13, Appl	492	88.5	7.0	38	6	5208144-23	Patent No. 5208144
420	91.5	7.3	1193	3	US-08-800-593-13	Sequence 13, Appl	493	88.5	7.0	38	6	5208144-23	Patent No. 5208144
421	91.5	7.3	1193	4	US-09-560-385A-26	Sequence 26, Appl	494	88.5	7.0	189	4	US-09-252-991A-18839	Sequence 18839, A
422	91.5	7.3	1193	4	US-09-560-385A-30	Sequence 30, Appl	495	88.5	7.0	233	4	US-09-216-393B-110	Sequence 110, App
423	91.5	7.3	1342	4	US-09-561-709B-13	Sequence 13, Appl	496	88.5	7.0	258	4	US-09-252-991A-20810	Sequence 20810, A
424	91.5	7.3	1725	4	US-09-562-702B-20	Sequence 20, Appl	497	88.5	7.0	291	1	US-08-468-847B-19	Sequence 19, Appl
425	91.5	7.3	1725	4	US-09-561-818A-20	Sequence 20, Appl	498	88.5	7.0	291	4	US-09-702-705-333	Sequence 333, App
426	91.5	7.3	1786	4	US-09-562-702A-18	Sequence 18, Appl	499	88.5	7.0	291	4	US-09-736-457-333	Sequence 333, App
427	91.5	7.3	1786	4	US-09-561-818A-18	Sequence 18, Appl	500	88.5	7.0	291	4	US-09-614-124B-333	Sequence 333, App
428	91	7.2	233	5	PCT-US93-11725-2	Sequence 2, Appli	501	88.5	7.0	291	4	US-09-671-325-333	Sequence 333, App
429	91	7.2	889	5	US-09-902-540-14590	Sequence 14590, A	502	88.5	7.0	291	4	US-09-589-184-333	Sequence 333, App
430	91	7.2	1529	4	US-09-312-283C-396	Sequence 396, App	503	88.5	7.0	291	4	US-09-658-824-333	Sequence 333, App
431	91	7.2	2050	2	US-08-347-594A-2	Sequence 2, Appli	504	88.5	7.0	291	6	5212074-5	Patent No. 5212074
432	91	7.2	2813	4	US-09-381-261A-1	Sequence 1, Appli	505	88.5	7.0	291	6	5212074-5	Patent No. 5212074
433	90.5	7.2	36	4	US-09-060-299-19	Sequence 19, Appl	506	88.5	7.0	427	4	US-09-902-540-10191	Sequence 10191, A
434	90.5	7.2	36	4	US-09-402-923A-19	Sequence 19, Appl	507	88.5	7.0	575	4	US-09-949-016-11264	Sequence 11264, A
435	90.5	7.2	205	3	US-08-974-022-51	Sequence 51, Appl	508	88.5	7.0	575	4	US-09-949-016-11265	Sequence 11265, A
436	90.5	7.2	205	3	US-08-795-445A-51	Sequence 51, Appl	509	88.5	7.0	575	4	US-09-949-016-11266	Sequence 11266, A
437	90.5	7.2	205	3	US-08-795-447A-51	Sequence 51, Appl	510	88.5	7.0	575	4	US-09-949-016-11267	Sequence 11267, A
438	90.5	7.2	205	3	US-08-974-186-51	Sequence 51, Appl	511	88.5	7.0	595	1	US-08-225-989-2	Sequence 2, Appli
439	90.5	7.2	205	3	US-08-795-446B-51	Sequence 51, Appl	512	88.5	7.0	595	1	US-08-570-923-2	Sequence 2, Appli
440	90.5	7.2	205	3	US-08-706-945D-138	Sequence 138, App	513	88.5	7.0	595	1	US-08-232-087A-2	Sequence 2, Appli
441	90.5	7.2	401	6	5252556-1	Patent No. 5252556	514	88.5	7.0	595	3	US-09-079-785-2	Sequence 2, Appli
442	90.5	7.2	401	6	5252556-1	Patent No. 5252556	515	88.5	7.0	595	3	US-09-006-353A-9	Sequence 9, Appli
443	90.5	7.2	5179	4	US-09-538-092-1258	Sequence 1258, Ap	516	88.5	7.0	595	3	US-09-573-986-9	Sequence 9, Appli
444	90	7.1	258	4	US-09-270-767-43579	Sequence 43579, A	517	88.5	7.0	595	4	US-09-921-667-6	Sequence 6, Appli
445	90	7.1	578	3	US-08-981-392-13	Sequence 13, Appl	518	88.5	7.0	595	4	US-09-628-126-2	Sequence 2, Appli
446	90	7.1	578	4	US-09-908-322-13	Sequence 13, Appl	519	88.5	7.0	595	4	US-09-949-016-11366	Sequence 2, Appli
447	90	7.1	591	3	US-08-965-903B-2	Sequence 2, Appli	520	88.5	7.0	610	4	US-09-538-092-1378	Sequence 1378, Ap
448	90	7.1	713	3	US-08-872-855-5	Sequence 5, Appli	521	88.5	7.0	657	4	US-09-949-016-11365	Sequence 11365, A
449	90	7.1	833	1	US-08-264-534-6	Sequence 6, Appli	522	88.5	7.0	657	4	US-09-949-016-11366	Sequence 11366, A
450	90	7.1	833	1	US-08-083-590A-2	Sequence 2, Appli	523	88.5	7.0	657	4	US-09-949-016-11367	Sequence 11367, A
451	90	7.1	833	1	US-08-465-500-6	Sequence 6, Appli	524	88.5	7.0	657	4	US-09-949-016-11368	Sequence 11368, A
452	90	7.1	833	2	US-08-346-126-6	Sequence 6, Appli	525	88.5	7.0	677	4	US-09-949-016-11369	Sequence 11369, A
453	90	7.1	833	2	US-08-346-128-6	Sequence 6, Appli	526	88.5	7.0	677	4	US-09-949-016-11370	Sequence 11370, A
454	90	7.1	833	3	US-08-532-384-2	Sequence 2, Appli	527	88.5	7.0	677	4	US-09-949-016-11371	Sequence 11371, A
455	90	7.1	833	3	US-08-893-828-6	Sequence 6, Appli	528	88.5	7.0	677	4	US-09-949-016-11372	Sequence 11372, A
456	90	7.1	1429	3	US-09-245-041-130	Sequence 130, App	529	88.5	7.0	683	4	US-09-620-412C-357	Sequence 357, App
457	90	7.1	1429	4	US-09-358-055B-131	Sequence 131, App	530	88.5	7.0	683	4	US-09-598-419-357	Sequence 357, App
458	89.5	7.1	169	3	US-08-476-509B-28	Sequence 28, Appl	531	88.5	7.0	1654	4	US-09-949-016-11625	Sequence 11625, A
459	89.5	7.1	202	4	US-08-577-788C-52	Sequence 52, Appl	532	88.5	7.0	1854	4	US-09-949-016-11625	Sequence 29708, A
460	89.5	7.1	210	4	US-09-252-991A-31903	Sequence 31903, A	533	88	7.0	171	4	US-09-252-991A-29708	Sequence 22497, A
461	89.5	7.1	311	3	US-08-311-423-8	Sequence 8, Appli	534	88	7.0	200	4	US-09-252-991A-22497	Sequence 23206, A
462	89.5	7.1	814	3	US-09-813-819-4	Sequence 4, Appli	535	88	7.0	227	4	US-09-512-363-2	Sequence 2, Appli
463	89.5	7.1	814	3	US-09-920-048-4	Sequence 4, Appli	536	88	7.0	234	4	US-09-176-200-2	Sequence 2, Appli
464	89.5	7.1	814	4	US-10-014-501-4	Sequence 4, Appli	537	88	7.0	234	4	US-09-915-593-2	Sequence 2, Appli
465	89.5	7.1	830	3	US-08-872-855-11	Sequence 11, Appl	538	88	7.0	234	4		

539	88	7.0	241	3	US-08-911-423-4	Sequence 4, Appli	612	87	6.9	288	3	US-09-568-472-19	Sequence 19, Appl
540	88	7.0	241	4	US-09-512-363-28	Sequence 28, Appl	613	87	6.9	288	3	US-09-567-899-18	Sequence 18, Appl
541	88	7.0	241	4	US-09-915-593-28	Sequence 28, Appl	614	87	6.9	288	3	US-09-567-899-19	Sequence 19, Appl
542	88	7.0	241	4	US-09-949-016-7232	Sequence 7232, Ap	615	87	6.9	288	4	US-09-091-952A-4	Sequence 4, Appli
543	88	7.0	263	4	US-09-902-540-12633	Sequence 12633, A	616	87	6.9	306	4	US-09-091-952A-3	Sequence 3, Appli
544	88	7.0	282	4	US-09-461-912A-38	Sequence 38, Appl	617	87	6.9	335	4	US-09-252-991A-32163	Sequence 32163, A
545	88	7.0	515	4	US-09-635-872A-6	Sequence 6, Appli	618	87	6.9	335	3	US-08-991-862-17	Sequence 17, Appl
546	88	7.0	515	4	US-09-636-077A-6	Sequence 6, Appli	619	87	6.9	593	4	US-09-813-156-17	Sequence 17, Appl
547	88	7.0	515	4	US-09-636-060C-6	Sequence 6, Appli	620	87	6.9	593	4	US-09-456-886-17	Sequence 17, Appl
548	88	7.0	515	4	US-09-986-552-6	Sequence 6, Appli	621	87	6.9	593	4	US-09-824-647-17	Sequence 17, Appl
549	88	7.0	515	4	US-09-636-596C-6	Sequence 6, Appli	622	87	6.9	1525	3	US-09-191-647-2	Sequence 2, Appli
550	88	7.0	515	4	US-10-023-894-18	Sequence 18, Appl	623	87	6.9	1525	3	US-09-540-245A-2	Sequence 2, Appli
551	88	7.0	515	4	US-10-306-886-6	Sequence 6, Appli	624	87	6.9	1525	3	US-09-540-153-2	Sequence 2, Appli
552	88	7.0	536	4	US-09-252-991A-16754	Sequence 16754, A	625	87	6.9	3623	4	US-09-341-461-2	Sequence 2, Appli
553	88	7.0	564	4	US-09-949-016-11730	Sequence 11730, A	626	86.5	6.9	38	6	520814A-25	Patent No. 520814A
554	88	7.0	605	3	US-09-042-785A-23	Sequence 23, Appl	627	86.5	6.9	38	6	520814A-25	Patent No. 520814A
555	88	7.0	625	4	US-09-949-016-8500	Sequence 8500, Ap	628	86.5	6.9	181	4	US-09-252-991A-26978	Sequence 26978, A
556	88	7.0	655	3	US-08-959-382-2	Sequence 2, Appli	629	86.5	6.9	187	4	US-09-248-796A-14270	Sequence 14270, A
557	88	7.0	655	3	US-09-527-236A-2	Sequence 2, Appli	630	86.5	6.9	251	4	US-09-302-540-10049	Sequence 10049, A
558	88	7.0	655	4	US-09-314-844F-2	Sequence 2, Appli	631	86.5	6.9	253	4	US-09-252-991A-29632	Sequence 29632, A
559	88	7.0	655	4	US-09-756-854-2	Sequence 2, Appli	632	86.5	6.9	291	3	US-09-080-120A-7	Sequence 7, Appli
560	88	7.0	750	3	US-09-165-239A-4	Sequence 4, Appli	633	86.5	6.9	291	5	PCT-US95-08925-7	Sequence 7, Appli
561	88	7.0	1019	1	US-08-296-014A-4	Sequence 4, Appli	634	86.5	6.9	335	4	US-09-949-016-8585	Sequence 8585, Ap
562	88	7.0	1019	2	US-08-596-405-4	Sequence 4, Appli	635	86.5	6.9	436	4	US-09-252-991A-18298	Sequence 18298, A
563	88	7.0	1019	2	US-08-877-620-4	Sequence 4, Appli	636	86.5	6.9	436	4	US-09-248-796A-16546	Sequence 16546, A
564	88	7.0	1019	4	US-09-287-368-4	Sequence 4, Appli	637	86.5	6.9	729	3	US-08-872-855-8	Sequence 8, Appli
565	88	7.0	1019	4	US-09-626-795-4	Sequence 4, Appli	638	86.5	6.9	961	4	US-09-657-472-4	Sequence 4, Appli
566	88	7.0	1917	4	US-09-627-650B-5	Sequence 5, Appli	639	86.5	6.9	961	5	PCT-US93-11725-4	Sequence 4, Appli
567	88	7.0	1917	4	US-09-436-063C-5	Sequence 5, Appli	640	86.5	6.9	1155	4	US-09-949-016-10125	Sequence 10125, A
568	87.5	6.9	170	4	US-09-252-991A-22362	Sequence 22362, A	641	86.5	6.9	1155	4	US-09-949-016-10126	Sequence 10126, A
569	87.5	6.9	175	4	US-09-252-991A-29157	Sequence 29157, A	642	86.5	6.9	1713	3	US-08-600-982-24	Sequence 24, Appl
570	87.5	6.9	210	4	US-09-252-991A-22446	Sequence 22446, A	643	86.5	6.9	1713	4	US-09-560-385A-6	Sequence 6, Appli
571	87.5	6.9	263	2	US-08-972-008-2	Sequence 2, Appli	644	86.5	6.9	1713	4	US-09-538-092-1359	Sequence 1359, Ap
572	87.5	6.9	263	3	US-09-141-027-2	Sequence 2, Appli	645	86.5	6.9	1713	5	PCT-US94-10261A-24	Sequence 24, Appl
573	87.5	6.9	263	4	US-09-267-409-2	Sequence 2, Appli	646	86	6.8	77	1	US-08-364-534-1	Sequence 1, Appli
574	87.5	6.9	263	4	US-09-617-804-2	Sequence 2, Appli	647	86	6.8	77	1	US-08-083-590A-14	Sequence 14, Appl
575	87.5	6.9	263	4	US-09-949-016-6662	Sequence 6662, Ap	648	86	6.8	77	1	US-08-465-500-1	Sequence 1, Appli
576	87.5	6.9	265	4	US-09-949-016-7262	Sequence 7262, Ap	649	86	6.8	77	2	US-08-346-126-1	Sequence 1, Appli
577	87.5	6.9	271	4	US-09-936-019-1	Sequence 1, Appli	650	86	6.8	77	2	US-08-346-128-1	Sequence 1, Appli
578	87.5	6.9	420	4	US-09-907-794A-109	Sequence 109, App	651	86	6.8	77	3	US-08-532-384-14	Sequence 14, Appl
579	87.5	6.9	420	4	US-09-905-125A-109	Sequence 109, App	652	86	6.8	77	3	US-08-893-828-1	Sequence 1, Appli
580	87.5	6.9	420	4	US-09-902-775A-109	Sequence 109, App	653	86	6.8	109	1	US-08-485-359-4	Sequence 4, Appli
581	87.5	6.9	420	4	US-09-906-700-109	Sequence 109, App	654	86	6.8	109	1	US-08-569-594-4	Sequence 4, Appli
582	87.5	6.9	420	4	US-09-903-603A-109	Sequence 109, App	655	86	6.8	109	5	PCT-US96-08815-4	Sequence 4, Appli
583	87.5	6.9	420	4	US-09-904-020A-109	Sequence 109, App	656	86	6.8	136	2	US-08-560-098A-59	Sequence 59, Appl
584	87.5	6.9	420	4	US-09-909-064-109	Sequence 109, App	657	86	6.8	175	4	US-09-252-991A-21648	Sequence 21648, A
585	87.5	6.9	420	4	US-09-905-381A-109	Sequence 109, App	658	86	6.8	258	4	US-09-949-016-8423	Sequence 8423, Ap
586	87.5	6.9	420	4	US-09-906-618-109	Sequence 109, App	659	86	6.8	306	4	US-09-252-991A-23169	Sequence 23169, A
587	87.5	6.9	788	4	US-09-294-663-3	Sequence 3, Appli	660	86	6.8	520	3	US-09-068-740A-3	Sequence 3, Appli
588	87.5	6.9	1083	1	US-08-296-014A-2	Sequence 2, Appli	661	86	6.8	593	1	US-07-668-648-4	Sequence 4, Appli
589	87.5	6.9	1083	2	US-08-596-405-2	Sequence 2, Appli	662	86	6.8	593	2	US-08-429-998-4	Sequence 4, Appli
590	87.5	6.9	1083	2	US-08-877-620-2	Sequence 2, Appli	663	86	6.8	593	2	US-08-431-333-4	Sequence 4, Appli
591	87.5	6.9	1083	4	US-09-287-368-2	Sequence 2, Appli	664	86	6.8	593	5	PCT-US91-02321-4	Sequence 4, Appli
592	87.5	6.9	1083	4	US-09-626-795-2	Sequence 2, Appli	665	86	6.8	613	4	US-09-949-016-9775	Sequence 9775, Ap
593	87.5	6.9	1148	4	US-09-949-016-6798	Sequence 6798, Ap	666	86	6.8	702	3	US-09-068-740A-9	Sequence 9, Appli
594	87.5	6.9	1400	3	US-08-630-915A-37	Sequence 37, Appl	667	86	6.8	723	3	US-09-068-740A-9	Sequence 9, Appli
595	87.5	6.9	1400	4	US-09-879-957-37	Sequence 37, Appl	668	86	6.8	723	4	US-09-423-753-27	Sequence 27, Appl
596	87.5	6.9	1497	4	US-09-060-854B-2	Sequence 2, Appli	669	86	6.8	723	4	US-09-641-612-6	Sequence 6, Appli
597	87.5	6.9	1497	4	US-09-529-904-3	Sequence 3, Appli	670	86	6.8	799	1	US-08-054-077C-2	Sequence 2, Appli
598	87.5	6.9	1724	4	US-09-560-385A-2	Sequence 2, Appli	671	86	6.8	1171	4	US-09-560-385A-36	Sequence 36, Appl
599	87	6.9	165	4	US-09-706-722A-10	Sequence 10, Appl	672	86	6.8	1192	4	US-09-560-385A-34	Sequence 34, Appl
600	87	6.9	263	4	US-09-902-540-14119	Sequence 14119, A	673	86	6.8	1235	4	US-09-949-016-8456	Sequence 8456, Ap
601	87	6.9	288	3	US-09-335-409-18	Sequence 18, Appl	674	86	6.8	1235	4	US-09-949-016-8456	Sequence 8456, Ap
602	87	6.9	288	3	US-09-335-409-19	Sequence 19, Appl	675	85.5	6.8	166	4	US-09-482-273-238	Sequence 238, Ap
603	87	6.9	288	3	US-09-568-102-18	Sequence 18, Appl	676	85.5	6.8	196	3	US-08-981-392-35	Sequence 35, Appl
604	87	6.9	288	3	US-09-568-102-19	Sequence 19, Appl	677	85.5	6.8	196	4	US-09-508-322-35	Sequence 35, Appl
605	87	6.9	288	3	US-09-567-969-18	Sequence 18, Appl	678	85.5	6.8	228	3	US-08-911-423-6	Sequence 6, Appli
606	87	6.9	288	3	US-09-567-969-19	Sequence 19, Appl	679	85.5	6.8	317	3	US-09-141-027-3	Sequence 3, Appli
607	87	6.9	288	3	US-09-568-480-18	Sequence 18, Appl	680	85.5	6.8	317	4	US-09-617-804-3	Sequence 3, Appli
608	87	6.9	288	3	US-09-568-480-19	Sequence 19, Appl	681	85.5	6.8	453	4	US-09-686-583B-12	Sequence 12, Appl
609	87	6.9	288	3	US-09-568-486-18	Sequence 18, Appl	682	85.5	6.8	457	1	US-08-264-101-4	Sequence 4, Appli
610	87	6.9	288	3	US-09-568-486-19	Sequence 19, Appl	683	85.5	6.8	457	1	US-08-264-101-4	Sequence 4, Appli
611	87	6.9	288	3	US-09-568-472-18	Sequence 18, Appl	684	85.5	6.8	457	5	PCT-US95-07295-4	Sequence 4, Appli

685	85.5	6.8	634	4	US-09-902-540-10050	Sequence 10050, A	758	84	6.7	1189	3	US-09-287-354-4	Sequence 4, Appli
686	85.5	6.8	720	3	US-08-872-855-4	Sequence 4, Appli	759	84	6.7	1189	4	US-09-949-016-6931	Sequence 6931, Ap
687	85.5	6.8	722	3	US-08-981-392-12	Sequence 12, Appl	760	84	6.7	1495	4	US-08-522-726B-1	Sequence 1, Appli
688	85.5	6.8	722	4	US-09-908-322-12	Sequence 12, Appl	761	84	6.7	1495	4	US-09-337-384-1	Sequence 1, Appli
689	85.5	6.8	735	2	US-08-765-243-6	Sequence 6, Appli	762	84	6.7	2088	4	US-09-548-372D-13	Sequence 13, Appl
690	85.5	6.8	735	5	PCT-US95-07295-6	Sequence 6, Appli	763	84	6.7	2088	4	US-09-548-367D-13	Sequence 13, Appl
691	85.5	6.8	886	3	US-09-110-116-3	Sequence 3, Appli	764	84	6.7	2088	4	US-09-551-853D-13	Sequence 13, Appl
692	85.5	6.8	886	4	US-09-110-116-3	Sequence 3, Appli	764	84	6.7	2088	4	US-09-551-853D-13	Sequence 13, Appl
693	85.5	6.8	886	4	US-09-631-603-14	Sequence 14, Appl	765	84	6.7	2088	4	US-09-548-376D-13	Sequence 13, Appl
694	85	6.7	3594	4	US-09-911-842A-4	Sequence 4, Appli	766	84	6.7	2088	4	US-09-548-373D-13	Sequence 13, Appl
695	85	6.7	38	6	5208144-21	Patent No. 5208144	767	84	6.7	2088	4	US-09-548-366F-13	Sequence 13, Appl
696	85	6.7	38	6	5208144-21	Patent No. 5208144	768	84	6.7	2088	4	US-09-548-368D-13	Sequence 13, Appl
697	85	6.7	180	4	US-09-612-033B-10	Sequence 10, Appl	769	84	6.7	2476	2	US-08-276-967-2	Sequence 2, Appli
698	85	6.7	264	1	US-08-482-271-3	Sequence 3, Appli	770	83.5	6.6	218	4	US-09-252-991A-24321	Sequence 24321, A
699	85	6.7	264	1	US-08-482-271-4	Sequence 4, Appli	771	83.5	6.6	265	3	US-08-918-288-3	Sequence 3, Appli
700	85	6.7	264	2	US-08-854-811-45	Sequence 45, Appl	772	83.5	6.6	265	3	US-08-918-288-39	Sequence 39, Appl
701	85	6.7	264	3	US-09-080-120A-2	Sequence 2, Appli	773	83.5	6.6	265	3	US-09-282-357-3	Sequence 3, Appli
702	85	6.7	264	4	US-09-322-484-1	Sequence 1, Appli	774	83.5	6.6	265	3	US-09-282-357-39	Sequence 39, Appl
703	85	6.7	264	4	US-09-089-062-1	Sequence 1, Appli	775	83.5	6.6	293	4	US-09-949-016-7945	Sequence 7945, Ap
704	85	6.7	264	5	PCT-US95-08925-2	Sequence 2, Appli	776	83.5	6.6	422	4	US-09-949-016-8251	Sequence 8251, Ap
705	85	6.7	337	4	US-09-252-991A-26857	Sequence 26857, A	777	83.5	6.6	430	4	US-09-949-016-8782	Sequence 8782, Ap
706	85	6.7	483	3	US-09-049-672A-5	Sequence 5, Appli	778	83.5	6.6	500	4	US-09-423-753-2	Sequence 2, Appli
707	85	6.7	564	4	US-10-069-540A-2	Sequence 2, Appli	779	83.5	6.6	513	2	US-08-480-228C-14	Sequence 14, Appl
708	85	6.7	633	4	US-09-949-016-11734	Sequence 11734, A	780	83.5	6.6	513	2	US-08-659-235C-14	Sequence 14, Appl
709	85	6.7	770	4	US-09-252-991A-30323	Sequence 30323, A	781	83.5	6.6	659	4	US-09-423-753-3	Sequence 3, Appli
710	85	6.7	997	4	US-09-747-371-3	Sequence 3, Appli	782	83.5	6.6	685	3	US-08-872-855-2	Sequence 2, Appli
711	85	6.7	1015	1	US-08-537-210A-1	Sequence 1, Appli	783	83.5	6.6	685	4	US-09-423-753-25	Sequence 25, Appl
712	85	6.7	1015	3	US-09-113-825-1	Sequence 1, Appli	784	83.5	6.6	685	4	US-09-641-613-7	Sequence 7, Appli
713	85	6.7	1155	4	US-09-360-385A-24	Sequence 24, Appl	785	83.5	6.6	716	4	US-09-312-283C-183	Sequence 183, App
714	85	6.7	1167	4	US-09-560-385A-20	Sequence 20, Appl	786	83.5	6.6	718	1	US-08-444-792-4	Sequence 4, Appli
715	85	6.7	1172	4	US-09-919-172-16	Sequence 16, Appl	787	83.5	6.6	718	1	US-08-445-042-4	Sequence 4, Appli
716	85	6.7	1174	4	US-09-560-385A-22	Sequence 22, Appl	788	83.5	6.6	771	3	US-09-188-930-183	Sequence 183, App
717	85	6.7	1186	4	US-09-560-385A-18	Sequence 18, Appl	789	83.5	6.6	784	4	US-09-949-016-9467	Sequence 9467, Ap
718	84.5	6.7	28	4	US-09-959-392-28	Sequence 28, Appl	790	83.5	6.6	788	2	US-07-728-215-32	Sequence 32, Appl
719	84.5	6.7	74	3	US-08-679-493A-33	Sequence 33, Appl	791	83.5	6.6	788	3	US-08-938-085A-32	Sequence 32, Appl
720	84.5	6.7	292	6	5258287-24	Patent No. 5258287	792	83.5	6.6	788	3	US-09-409-648-3	Sequence 3, Appli
721	84.5	6.7	332	6	5258287-24	Patent No. 5258287	793	83.5	6.6	788	3	US-09-409-648-4	Sequence 4, Appli
722	84.5	6.7	332	4	US-09-252-991A-31608	Sequence 31608, A	794	83.5	6.6	788	4	US-10-072-844-32	Sequence 32, Appl
723	84.5	6.7	375	1	US-08-468-847B-13	Sequence 13, Appl	795	83.5	6.6	788	4	US-10-072-838-32	Sequence 32, Appl
724	84.5	6.7	375	4	US-09-495-448A-33	Sequence 33, Appl	796	83.5	6.6	788	4	US-10-072-841A-32	Sequence 32, Appl
725	84.5	6.7	417	4	US-09-949-016-11097	Sequence 11097, A	797	83.5	6.6	788	4	US-09-054-272-8	Sequence 8, Appli
726	84.5	6.7	417	4	US-09-949-016-11098	Sequence 11098, A	798	83.5	6.6	788	4	US-09-054-272-44	Sequence 44, Appl
727	84.5	6.7	491	4	US-09-949-016-7840	Sequence 7840, Ap	799	83.5	6.6	788	4	US-10-219-631A-32	Sequence 32, Appl
728	84.5	6.7	518	1	US-08-385-229-4	Sequence 4, Appli	800	83.5	6.6	788	4	US-09-949-016-5901	Sequence 5901, Ap
729	84.5	6.7	518	4	US-09-579-845-1	Sequence 1, Appli	801	83.5	6.6	861	1	US-08-346-455B-67	Sequence 67, Appl
730	84.5	6.7	518	4	US-09-579-845-3	Sequence 3, Appli	802	83.5	6.6	861	3	US-08-977-221-67	Sequence 67, Appl
731	84.5	6.7	550	4	US-09-949-016-9758	Sequence 9758, Ap	803	83.5	6.6	861	4	US-09-483-831B-67	Sequence 67, Appl
732	84.5	6.7	573	3	US-09-042-785A-2	Sequence 2, Appli	804	83.5	6.6	861	5	PCT-US95-06613-67	Sequence 67, Appl
733	84.5	6.7	827	4	US-09-248-796A-17307	Sequence 17307, A	805	83.5	6.6	915	1	US-08-346-455B-69	Sequence 69, Appl
734	84.5	6.7	869	4	US-09-252-991A-16746	Sequence 16746, A	806	83.5	6.6	915	3	US-08-977-221-69	Sequence 69, Appl
735	84.5	6.7	996	4	US-09-949-016-8254	Sequence 8254, Ap	807	83.5	6.6	915	4	US-09-483-831B-69	Sequence 69, Appl
736	84.5	6.7	1384	3	US-08-876-255-11	Sequence 11, Appl	808	83.5	6.6	915	5	PCT-US95-06613-69	Sequence 69, Appl
737	84.5	6.7	1394	4	US-09-949-016-5971	Sequence 5971, Ap	809	83.5	6.6	970	2	US-08-673-789-7	Sequence 7, Appli
738	84.5	6.7	1394	6	5177197-30	Patent No. 5177197	810	83.5	6.6	1128	4	US-09-627-650B-11	Sequence 11, Appl
739	84.5	6.7	1652	4	US-09-627-650B-1	Sequence 1, Appli	811	83.5	6.6	1128	4	US-09-436-063C-11	Sequence 11, Appl
740	84.5	6.7	1652	4	US-09-436-063C-1	Sequence 1, Appli	812	83	6.6	29	4	US-09-959-392-26	Sequence 26, Appl
741	84.5	6.7	1798	4	US-09-845-583A-8	Sequence 8, Appli	813	83	6.6	143	4	US-09-270-767-33302	Sequence 33302, A
742	84.5	6.7	1798	4	US-09-845-583A-8	Sequence 8, Appli	814	83	6.6	143	4	US-09-270-767-48519	Sequence 48519, A
743	84.5	6.7	1798	4	US-09-317-254-87	Sequence 11, Appl	815	83	6.6	157	3	US-08-872-855-6	Sequence 6, Appli
744	84.5	6.7	1816	4	US-09-561-818A-10	Sequence 10, Appl	816	83	6.6	203	4	US-09-059-625-88	Sequence 88, Appl
745	84	6.7	38	6	5208144-20	Patent No. 5208144	817	83	6.6	222	4	US-09-897-772-2	Sequence 2, Appli
746	84	6.7	38	6	5208144-20	Patent No. 5208144	818	83	6.6	254	4	US-09-893-737-320	Sequence 320, App
747	84	6.7	158	3	US-08-679-493A-24	Sequence 24, Appl	819	83	6.6	320	3	US-09-183-861-22	Sequence 22, Appl
748	84	6.7	172	4	US-09-252-991A-20172	Sequence 20172, A	820	83	6.6	320	3	US-09-183-861-55	Sequence 55, Appl
749	84	6.7	252	4	US-09-902-540-10412	Sequence 10412, A	821	83	6.6	320	3	US-09-022-765-22	Sequence 22, Appl
750	84	6.7	372	4	US-09-270-767-41934	Sequence 41934, A	822	83	6.6	320	3	US-09-022-765-55	Sequence 55, Appl
751	84	6.7	448	2	US-08-884-072-1	Sequence 1, Appli	823	83	6.6	320	4	US-09-551-974A-22	Sequence 22, Appl
752	84	6.7	448	3	US-09-212-168-1	Sequence 1, Appli	824	83	6.6	320	4	US-09-551-974A-55	Sequence 55, Appl
753	84	6.7	448	4	US-09-409-096-4	Sequence 4, Appli	825	83	6.6	320	4	US-09-565-501A-22	Sequence 22, Appl
754	84	6.7	492	4	US-09-759-143-932	Sequence 932, App	826	83	6.6	320	4	US-09-565-501A-55	Sequence 55, Appl
755	84	6.7	504	4	US-09-949-016-7403	Sequence 7403, Ap	827	83	6.6	320	4	US-09-639-206A-22	Sequence 22, Appl
756	84	6.7	984	3	US-09-287-354-2	Sequence 2, Appli	828	83	6.6	320	4	US-09-639-206A-55	Sequence 55, Appl
757	84	6.7	1189	3	US-09-287-354-3	Sequence 3, Appli	829	83	6.6	320	4	US-09-874-923-25	Sequence 25, Appl
							830	83	6.6	320	4	US-09-874-923-55	Sequence 55, Appl

831	83	6.6	320	4	US-08-798-841-22	Sequence 22, Appl	904	82	6.5	157	3	US-08-981-392-68	Sequence 68, Appl
832	83	6.6	321	4	US-09-270-767-45035	Sequence 45035, A	905	82	6.5	157	4	US-09-908-322-68	Sequence 68, Appl
833	83	6.6	334	4	US-09-949-016-9975	Sequence 9975, A	906	82	6.5	165	4	US-09-252-991A-25359	Sequence 25359, A
834	83	6.6	347	4	US-09-252-991A-19498	Sequence 19498, A	907	82	6.5	194	4	US-09-252-991A-24154	Sequence 24154, A
835	83	6.6	353	4	US-09-907-794A-2	Sequence 2, Appl	908	82	6.5	232	3	US-08-911-423-7	Sequence 7, Appl
836	83	6.6	353	4	US-09-905-125A-2	Sequence 2, Appl	909	82	6.5	273	4	US-09-252-991A-22218	Sequence 22218, A
837	83	6.6	353	4	US-09-902-775A-2	Sequence 2, Appl	910	82	6.5	274	4	US-10-237-551-74	Sequence 74, Appl
838	83	6.6	353	4	US-09-906-700-2	Sequence 2, Appl	911	82	6.5	319	4	US-08-835-279-2	Sequence 2, Appl
839	83	6.6	353	4	US-09-903-603A-2	Sequence 2, Appl	912	82	6.5	351	1	US-08-468-847B-16	Sequence 16, Appl
840	83	6.6	353	4	US-09-904-920A-2	Sequence 2, Appl	913	82	6.5	351	4	US-09-495-448A-34	Sequence 34, Appl
841	83	6.6	353	4	US-09-905-381A-2	Sequence 2, Appl	914	82	6.5	379	4	US-09-907-794A-4	Sequence 4, Appl
842	83	6.6	353	4	US-09-909-061A-2	Sequence 2, Appl	915	82	6.5	379	4	US-09-905-125A-4	Sequence 4, Appl
843	83	6.6	353	4	US-09-906-618-2	Sequence 2, Appl	916	82	6.5	379	4	US-09-902-775A-4	Sequence 4, Appl
844	83	6.6	380	4	US-09-205-258-441	Sequence 441, App	917	82	6.5	379	4	US-09-906-700-4	Sequence 4, Appl
845	83	6.6	449	3	US-08-697-954-4	Sequence 4, Appl	918	82	6.5	379	4	US-09-903-603A-4	Sequence 4, Appl
846	83	6.6	492	3	US-09-342-749-2	Sequence 2, Appl	919	82	6.5	379	4	US-09-904-920A-4	Sequence 4, Appl
847	83	6.6	492	3	US-09-691-840-2	Sequence 2, Appl	920	82	6.5	379	4	US-09-909-064-4	Sequence 4, Appl
848	83	6.6	510	4	US-09-949-016-11074	Sequence 11074, A	921	82	6.5	379	4	US-09-905-381A-4	Sequence 4, Appl
849	83	6.6	515	4	US-09-270-767-46765	Sequence 46765, A	922	82	6.5	379	4	US-09-906-618-4	Sequence 4, Appl
850	83	6.6	709	4	US-09-874-923-121	Sequence 121, App	923	82	6.5	398	4	US-09-612-033B-14	Sequence 14, Appl
851	83	6.6	728	3	US-08-981-392-2	Sequence 2, Appl	924	82	6.5	424	3	US-09-333-593A-8	Sequence 8, Appl
852	83	6.6	728	4	US-09-908-322-2	Sequence 2, Appl	925	82	6.5	446	3	US-08-956-254-2	Sequence 2, Appl
853	83	6.6	775	4	US-09-786-256C-15	Sequence 15, Appl	926	82	6.5	446	3	US-09-008-388-1	Sequence 1, Appl
854	83	6.6	775	4	US-09-786-256C-32	Sequence 32, Appl	927	82	6.5	446	2	US-09-015-815-1	Sequence 1, Appl
855	83	6.6	810	2	US-08-820-170A-34	Sequence 34, Appl	928	82	6.5	805	3	US-09-103-429A-4	Sequence 4, Appl
856	83	6.6	810	3	US-09-055-699-34	Sequence 34, Appl	929	82	6.5	854	3	US-09-070-060-4	Sequence 4, Appl
857	83	6.6	810	3	US-09-273-565-34	Sequence 34, Appl	930	82	6.5	854	3	US-09-357-746-4	Sequence 4, Appl
858	83	6.6	810	3	US-09-565-538-34	Sequence 34, Appl	931	82	6.5	939	4	US-09-854-845-14	Sequence 14, Appl
859	83	6.6	810	3	US-09-661-468-34	Sequence 34, Appl	932	82	6.5	954	4	US-09-854-845-14	Sequence 14, Appl
860	83	6.6	810	4	US-09-976-165-34	Sequence 34, Appl	933	82	6.5	1034	4	US-09-854-845-6	Sequence 6, Appl
861	83	6.6	838	4	US-09-344-624-21	Sequence 21, Appl	934	82	6.5	1049	4	US-09-854-845-2	Sequence 2, Appl
862	83	6.6	874	4	US-09-949-016-7032	Sequence 7032, Ap	935	82	6.5	1078	4	US-09-854-845-8	Sequence 8, Appl
863	83	6.6	1388	4	US-09-463-048A-6	Sequence 6, Appl	936	82	6.5	1093	4	US-09-854-845-4	Sequence 4, Appl
864	83	6.6	1792	4	US-09-561-818A-12	Sequence 12, Appl	937	82	6.5	1136	4	US-09-854-845-12	Sequence 12, Appl
865	83	6.6	2647	2	US-08-583-562B-8	Sequence 8, Appl	938	82	6.5	1151	4	US-09-854-845-10	Sequence 10, Appl
866	83	6.6	2647	2	US-08-779-113-8	Sequence 8, Appl	939	82	6.5	1380	4	US-09-949-016-11688	Sequence 11688, A
867	83	6.6	2647	4	US-09-949-016-6082	Sequence 6082, Ap	940	82	6.5	1833	3	US-08-479-722B-2	Sequence 2, Appl
868	83	6.6	2666	4	US-09-949-016-10857	Sequence 10857, A	941	82	6.5	1833	4	US-09-592-685-2	Sequence 2, Appl
869	82.5	6.5	34	3	US-09-518-046-10	Sequence 10, Appl	942	82	6.5	1833	5	PCT-US95-02251-18	Sequence 18, Appl
870	82.5	6.5	42	4	US-09-270-767-57184	Sequence 57184, A	943	82	6.5	2211	3	US-09-738-884-1	Sequence 1, Appl
871	82.5	6.5	172	4	US-09-252-991A-25305	Sequence 25305, A	944	82	6.5	2211	4	US-10-096-961A-1	Sequence 1, Appl
872	82.5	6.5	181	3	US-08-918-288-36	Sequence 36, Appl	945	82	6.5	2787	3	US-09-245-041-15	Sequence 15, Appl
873	82.5	6.5	181	3	US-09-282-357-36	Sequence 36, Appl	946	82	6.5	2787	4	US-09-358-055B-15	Sequence 15, Appl
874	82.5	6.5	216	4	US-09-252-991A-28120	Sequence 28120, A	947	82	6.5	2787	4	US-09-893-238-15	Sequence 15, Appl
875	82.5	6.5	257	4	US-09-312-283C-381	Sequence 381, App	948	81.5	6.5	119	1	US-08-468-347-20	Sequence 20, Appl
876	82.5	6.5	296	1	US-08-428-926-2	Sequence 2, Appl	949	81.5	6.5	119	1	US-08-226-264-24	Sequence 24, Appl
877	82.5	6.5	296	1	US-08-435-434-5	Sequence 5, Appl	950	81.5	6.5	119	2	US-08-467-389-20	Sequence 20, Appl
878	82.5	6.5	296	1	US-08-435-436-5	Sequence 5, Appl	951	81.5	6.5	119	2	US-08-779-379-20	Sequence 20, Appl
879	82.5	6.5	296	1	US-08-428-927-2	Sequence 2, Appl	952	81.5	6.5	119	2	US-08-469-219-20	Sequence 20, Appl
880	82.5	6.5	296	1	US-08-428-298-2	Sequence 2, Appl	953	81.5	6.5	119	3	US-09-228-152-19	Sequence 19, Appl
881	82.5	6.5	296	1	US-08-339-517-2	Sequence 2, Appl	954	81.5	6.5	178	4	US-09-252-991A-31386	Sequence 31386, A
882	82.5	6.5	296	2	US-08-438-863-5	Sequence 5, Appl	955	81.5	6.5	197	4	US-09-252-991A-32518	Sequence 32518, A
883	82.5	6.5	296	3	US-08-438-862-5	Sequence 5, Appl	956	81.5	6.5	198	4	US-09-612-033B-8	Sequence 8, Appl
884	82.5	6.5	296	4	US-09-684-708A-3	Sequence 3, Appl	957	81.5	6.5	201	4	US-09-270-767-31550	Sequence 31550, A
885	82.5	6.5	587	4	US-09-949-016-8708	Sequence 8708, Ap	958	81.5	6.5	201	4	US-09-270-767-46867	Sequence 46867, A
886	82.5	6.5	587	4	US-09-949-016-8709	Sequence 8709, Ap	959	81.5	6.5	224	3	US-09-220-528-29	Sequence 29, Appl
887	82.5	6.5	721	3	US-08-981-392-5	Sequence 5, Appl	960	81.5	6.5	224	4	US-09-347-613C-16	Sequence 16, Appl
888	82.5	6.5	721	4	US-09-908-322-5	Sequence 5, Appl	961	81.5	6.5	224	4	US-09-662-183A-16	Sequence 16, Appl
889	82.5	6.5	788	2	US-07-728-215-27	Sequence 27, Appl	962	81.5	6.5	227	3	US-09-182-145-15	Sequence 15, Appl
890	82.5	6.5	788	3	US-08-938-085A-27	Sequence 27, Appl	963	81.5	6.5	227	4	US-09-252-991A-25546	Sequence 25546, A
891	82.5	6.5	788	4	US-10-072-844-27	Sequence 27, Appl	964	81.5	6.5	228	3	US-09-182-145-77	Sequence 77, Appl
892	82.5	6.5	788	4	US-10-072-838-27	Sequence 27, Appl	965	81.5	6.5	229	3	US-09-182-145-75	Sequence 75, Appl
893	82.5	6.5	788	4	US-10-072-841A-27	Sequence 27, Appl	966	81.5	6.5	230	3	US-09-182-145-76	Sequence 76, Appl
894	82.5	6.5	788	4	US-10-219-631A-27	Sequence 27, Appl	967	81.5	6.5	231	3	US-09-182-145-74	Sequence 74, Appl
895	82.5	6.5	848	4	US-09-575-081B-8	Sequence 8, Appl	968	81.5	6.5	232	3	US-09-182-145-73	Sequence 73, Appl
896	82.5	6.5	1036	4	US-09-949-016-6910	Sequence 6910, Ap	969	81.5	6.5	233	3	US-09-182-145-72	Sequence 72, Appl
897	82.5	6.5	1049	4	US-09-538-092-72	Sequence 72, Appl	970	81.5	6.5	234	3	US-09-182-145-71	Sequence 71, Appl
898	82.5	6.5	1049	4	US-09-949-016-11522	Sequence 11522, A	971	81.5	6.5	235	3	US-09-182-145-70	Sequence 70, Appl
899	82.5	6.5	1572	4	US-09-562-702A-32	Sequence 32, Appl	972	81.5	6.5	236	3	US-09-182-145-69	Sequence 69, Appl
900	82.5	6.5	1572	4	US-09-561-818A-28	Sequence 28, Appl	973	81.5	6.5	237	3	US-09-182-145-68	Sequence 68, Appl
901	82.5	6.5	1605	4	US-09-562-702A-30	Sequence 30, Appl	974	81.5	6.5	238	3	US-09-182-145-67	Sequence 67, Appl
902	82.5	6.5	1605	4	US-09-561-818A-26	Sequence 26, Appl	975	81.5	6.5	239	3	US-09-182-145-66	Sequence 66, Appl
903	82	6.5	29	4	US-09-959-392-29	Sequence 29, Appl	976	81.5	6.5	240	3	US-09-182-145-65	Sequence 65, Appl

977	81.5	6.5	241	3	US-09-182-145-64	Sequence 64, Appl	1050	81	6.4	492	4	US-09-879-792-14	Sequence 14, Appl
978	81.5	6.5	242	3	US-09-182-145-63	Sequence 63, Appl	1051	81	6.4	492	4	US-09-679-426-895	Sequence 895, App
979	81.5	6.5	243	3	US-09-182-145-62	Sequence 62, Appl	1052	81	6.4	492	4	US-09-759-143-895	Sequence 895, App
980	81.5	6.5	244	3	US-09-182-145-61	Sequence 61, Appl	1053	81	6.4	494	1	US-08-014-723-14	Sequence 14, Appl
981	81.5	6.5	245	3	US-09-182-145-60	Sequence 60, Appl	1054	81	6.4	494	1	US-08-014-723-16	Sequence 16, Appl
982	81.5	6.5	246	3	US-09-182-145-59	Sequence 59, Appl	1055	81	6.4	494	1	US-08-110-011A-14	Sequence 14, Appl
983	81.5	6.5	247	3	US-09-182-145-58	Sequence 58, Appl	1056	81	6.4	494	1	US-08-110-011A-16	Sequence 16, Appl
984	81.5	6.5	248	3	US-09-182-145-57	Sequence 57, Appl	1057	81	6.4	497	1	US-08-312-870-3	Sequence 3, Appl
985	81.5	6.5	249	3	US-09-182-145-56	Sequence 56, Appl	1058	81	6.4	497	2	US-08-312-870-3	Sequence 3, Appl
986	81.5	6.5	250	3	US-09-182-145-16	Sequence 16, Appl	1059	81	6.4	498	2	US-09-331-793-4	Sequence 4, Appl
987	81.5	6.5	251	3	US-09-182-145-16	Sequence 16, Appl	1060	81	6.4	498	2	US-08-733-564-2	Sequence 2, Appl
988	81.5	6.5	252	3	US-09-349-016-6429	Sequence 6429, App	1061	81	6.4	516	4	US-09-509-994-1	Sequence 1, Appl
989	81.5	6.5	253	3	US-09-042-785A-4	Sequence 4, Appl	1062	81	6.4	516	4	US-09-509-994-2	Sequence 2, Appl
990	81.5	6.5	254	4	US-09-042-785A-10294	Sequence 10294, A	1063	81	6.4	564	4	US-09-949-016-6898	Sequence 6898, Ap
991	81.5	6.5	255	4	US-09-303-456-77	Sequence 77, Appl	1064	81	6.4	565	4	US-09-949-016-6902	Sequence 6902, Ap
992	81.5	6.5	256	4	US-09-252-991A-32186	Sequence 32186, A	1065	81	6.4	575	1	US-08-261-206A-59	Sequence 59, Appl
993	81.5	6.5	257	4	US-09-252-991A-26217	Sequence 26217, A	1066	81	6.4	575	1	US-08-312-870-1	Sequence 1, Appl
994	81.5	6.5	258	4	US-09-800-729-145	Sequence 145, App	1067	81	6.4	575	1	US-08-170-290A-54	Sequence 54, Appl
995	81.5	6.5	259	4	US-09-307-794A-315	Sequence 315, App	1068	81	6.4	575	1	US-08-170-290A-54	Sequence 54, Appl
996	81.5	6.5	260	4	US-09-305-125A-315	Sequence 315, App	1069	81	6.4	575	4	US-09-880-484D-2	Sequence 2, Appl
997	81.5	6.5	261	4	US-09-302-775A-315	Sequence 315, App	1070	81	6.4	575	6	US-10-438-648-2	Sequence 2, Appl
998	81.5	6.5	262	4	US-09-306-700-315	Sequence 315, App	1071	81	6.4	575	6	5466668-6	Patent No. 5466668
999	81.5	6.5	263	4	US-09-303-603A-315	Sequence 315, App	1072	81	6.4	575	6	5466668-6	Patent No. 5466668
1000	81.5	6.5	264	4	US-09-304-920A-315	Sequence 315, App	1073	81	6.4	618	4	US-09-252-991A-27666	Sequence 27666, A
1001	81.5	6.5	265	4	US-09-305-064-315	Sequence 315, App	1074	81	6.4	629	3	US-09-079-431B-4	Sequence 4, Appl
1002	81.5	6.5	266	4	US-09-305-381A-315	Sequence 315, App	1075	81	6.4	1171	4	US-09-949-016-9738	Sequence 9738, Ap
1003	81.5	6.5	267	4	US-09-306-618-315	Sequence 315, App	1076	81	6.4	1171	4	US-09-321-987B-2	Sequence 2, Appl
1004	81.5	6.5	268	4	US-09-308-790-1	Sequence 1, Appl	1077	80.5	6.4	2150	4	US-09-800-729-155	Sequence 155, App
1005	81.5	6.5	269	4	US-09-252-991A-26352	Sequence 26352, A	1078	80.5	6.4	2165	4	US-09-252-991A-32083	Sequence 32083, A
1006	81.5	6.5	270	3	US-08-325-071-67	Sequence 67, Appl	1079	80.5	6.4	174	3	US-09-724-864-56	Sequence 56, Appl
1007	81.5	6.5	271	3	US-08-461-004A-67	Sequence 67, Appl	1080	80.5	6.4	229	4	US-09-252-991A-29247	Sequence 29247, A
1008	81.5	6.5	272	4	US-09-561-709B-12	Sequence 12, Appl	1081	80.5	6.4	247	4	US-09-252-991A-26899	Sequence 26899, A
1009	81.5	6.5	273	4	US-09-560-385A-14	Sequence 14, Appl	1082	80.5	6.4	380	3	US-08-468-846-2	Sequence 2, Appl
1010	81.5	6.5	274	4	US-08-793-273C-4	Sequence 4, Appl	1083	80.5	6.4	380	3	US-08-915-096A-2	Sequence 2, Appl
1011	81.5	6.5	275	5	PCT-US95-11684-4	Sequence 4, Appl	1084	80.5	6.4	384	4	US-09-949-016-9661	Sequence 9661, Ap
1012	81.5	6.5	276	6	5189019-6	Patent No. 5189019	1085	80.5	6.4	400	3	US-09-220-528-63	Sequence 63, Appl
1013	81	6.4	277	6	5189019-6	Patent No. 5189019	1086	80.5	6.4	400	4	US-09-187-906-21	Sequence 21, Appl
1014	81	6.4	278	6	5189019-6	Patent No. 5189019	1087	80.5	6.4	415	3	US-09-006-353A-9	Sequence 6, Appl
1015	81	6.4	279	4	US-09-482-273-150	Sequence 150, App	1088	80.5	6.4	415	4	US-09-573-986-6	Sequence 6, Appl
1016	81	6.4	280	4	US-09-252-991A-23496	Sequence 23496, App	1089	80.5	6.4	440	3	US-08-883-036A-2	Sequence 2, Appl
1017	81	6.4	281	4	US-09-461-688-4	Sequence 4, Appl	1090	80.5	6.4	440	4	US-09-536-201-2	Sequence 2, Appl
1018	81	6.4	282	4	US-09-252-991A-26873	Sequence 26873, A	1091	80.5	6.4	440	4	US-09-578-392-2	Sequence 2, Appl
1019	81	6.4	283	3	US-08-918-288-9	Sequence 9, Appl	1092	80.5	6.4	527	4	US-09-538-092-925	Sequence 925, App
1020	81	6.4	284	3	US-09-282-357-9	Sequence 9, Appl	1093	80.5	6.4	846	2	US-07-728-215-33	Sequence 33, Appl
1021	81	6.4	285	2	US-08-761-277A-45	Sequence 45, Appl	1094	80.5	6.4	846	3	US-08-938-085A-33	Sequence 33, Appl
1022	81	6.4	286	4	US-09-949-016-8183	Sequence 8183, Ap	1095	80.5	6.4	846	4	US-10-072-843-33	Sequence 33, Appl
1023	81	6.4	287	4	US-09-949-016-8184	Sequence 8184, Ap	1096	80.5	6.4	846	4	US-10-072-843A-33	Sequence 33, Appl
1024	81	6.4	288	1	US-08-307-444A-5	Sequence 5, Appl	1097	80.5	6.4	846	4	US-10-219-631A-33	Sequence 33, Appl
1025	81	6.4	289	1	US-08-587-389-5	Sequence 5, Appl	1098	80.5	6.4	954	4	US-10-144-198-41	Sequence 41, Appl
1026	81	6.4	290	1	US-08-307-444A-3	Sequence 3, Appl	1099	80.5	6.4	1013	4	US-10-144-198-26	Sequence 26, Appl
1027	81	6.4	291	1	US-08-307-444A-4	Sequence 4, Appl	1100	80.5	6.4	1693	4	US-09-560-385A-4	Sequence 4, Appl
1028	81	6.4	292	1	US-08-587-389-3	Sequence 3, Appl	1101	80.5	6.4	1693	4	US-09-560-385A-8	Sequence 8, Appl
1029	81	6.4	293	1	US-08-587-389-4	Sequence 4, Appl	1102	80.5	6.4	1832	3	US-09-369-364A-13	Sequence 13, Appl
1030	81	6.4	294	4	US-09-307-794A-285	Sequence 285, App	1103	80	6.3	1832	3	US-09-252-991A-21161	Sequence 21161, A
1031	81	6.4	295	4	US-09-305-125A-285	Sequence 285, App	1104	80	6.3	240	4	US-09-512-363-6	Sequence 6, Appl
1032	81	6.4	296	4	US-09-302-775A-285	Sequence 285, App	1105	80	6.3	240	4	US-09-176-200-6	Sequence 6, Appl
1033	81	6.4	297	4	US-09-306-700-285	Sequence 285, App	1106	80	6.3	271	1	US-09-915-593-6	Sequence 6, Appl
1034	81	6.4	298	4	US-09-303-603A-285	Sequence 285, App	1107	80	6.3	271	1	US-08-152-019A-28	Sequence 28, Appl
1035	81	6.4	299	4	US-09-304-920A-285	Sequence 285, App	1108	80	6.3	336	4	US-09-248-796A-20058	Sequence 20058, A
1036	81	6.4	300	4	US-09-309-064-285	Sequence 285, App	1109	80	6.3	586	4	US-09-657-013-53	Sequence 53, Appl
1037	81	6.4	301	4	US-09-305-381A-285	Sequence 285, App	1110	80	6.3	615	4	US-09-270-767-45755	Sequence 45755, A
1038	81	6.4	302	1	US-09-306-618-285	Sequence 285, App	1111	80	6.3	632	4	US-09-949-016-7865	Sequence 7865, Ap
1039	81	6.4	303	1	US-08-307-444A-1	Sequence 1, Appl	1112	80	6.3	632	4	US-09-949-016-7866	Sequence 7866, Ap
1040	81	6.4	304	1	US-08-307-444A-2	Sequence 2, Appl	1113	80	6.3	632	4	US-09-949-016-7867	Sequence 7867, Ap
1041	81	6.4	305	1	US-08-587-389-1	Sequence 1, Appl	1114	80	6.3	632	4	US-09-949-016-7868	Sequence 7868, Ap
1042	81	6.4	306	1	US-08-587-389-2	Sequence 2, Appl	1115	80	6.3	632	4	US-09-949-016-7869	Sequence 7869, Ap
1043	81	6.4	307	1	US-08-014-723-1	Sequence 1, Appl	1116	80	6.3	663	4	US-09-252-991A-30843	Sequence 30843, A
1044	81	6.4	308	1	US-08-014-723-2	Sequence 2, Appl	1117	80	6.3	689	4	US-09-252-991A-31332	Sequence 31332, A
1045	81	6.4	309	1	US-08-014-723-18	Sequence 18, Appl	1118	80	6.3	830	5	PCT-US91-05059-2	Sequence 2, Appl
1046	81	6.4	310	1	US-08-110-011A-1	Sequence 1, Appl	1119	80	6.3	1276	3	US-08-937-236-3	Sequence 3, Appl
1047	81	6.4	311	1	US-08-110-011A-2	Sequence 2, Appl	1120	80	6.3	1291	3	US-08-569-214-3	Sequence 3, Appl
1048	81	6.4	312	1	US-08-110-011A-18	Sequence 18, Appl	1121	80	6.3	1291	3	US-08-937-236-2	Sequence 2, Appl
1049	81	6.4	313	4	US-09-685-166A-895	Sequence 895, App	1122	80	6.3	1295	3	US-08-569-214-2	Sequence 2, Appl

1123	79.5	6.3	112	4	US-09-252-991A-22629	Sequence 22629, A	1196	79	6.3	255	3	US-09-150-864A-8	Sequence 8, Appli
1124	79.5	6.3	156	4	US-09-902-540-12764	Sequence 12764, A	1197	79	6.3	255	4	US-09-573-986-11	Sequence 11, Appli
1125	79.5	6.3	236	4	US-09-252-991A-29311	Sequence 29311, A	1198	79	6.3	255	4	US-09-578-764A-2	Sequence 2, Appli
1126	79.5	6.3	253	4	US-09-252-991A-19036	Sequence 19036, A	1199	79	6.3	255	4	US-09-623-545A-2	Sequence 2, Appli
1127	79.5	6.3	260	3	US-09-006-353A-8	Sequence 8, Appli	1200	79	6.3	255	5	PCT-US96-03965-8	Sequence 8, Appli
1128	79.5	6.3	260	4	US-09-573-986-8	Sequence 8, Appli	1201	79	6.3	255	5	PCT-US96-03965-8	Sequence 8, Appli
1129	79.5	6.3	260	4	US-09-949-016-6047	Sequence 6047, Ap	1202	79	6.3	272	4	US-09-949-016-7520	Sequence 7520, Ap
1130	79.5	6.3	266	4	US-09-252-991A-32835	Sequence 32835, A	1203	79	6.3	341	1	US-09-252-991A-32424	Sequence 32424, A
1131	79.5	6.3	350	4	US-09-134-618-6	Sequence 6, Appli	1204	79	6.3	379	1	US-08-468-847B-11	Sequence 11, Appl
1132	79.5	6.3	392	4	US-09-764-325A-23	Sequence 23, Appl	1205	79	6.3	379	4	US-09-142-569A-2	Sequence 2, Appli
1133	79.5	6.3	392	4	US-09-764-325A-25	Sequence 25, Appl	1206	79	6.3	379	4	US-09-495-448A-2	Sequence 2, Appli
1134	79.5	6.3	392	4	US-09-912-935-23	Sequence 23, Appl	1207	79	6.3	439	4	US-09-409-096-6	Sequence 6, Appli
1135	79.5	6.3	392	4	US-09-912-935-25	Sequence 25, Appl	1208	79	6.3	585	3	US-09-641-612-5	Sequence 5, Appli
1136	79.5	6.3	425	4	US-09-252-991A-24895	Sequence 24895, A	1209	79	6.3	689	3	US-09-177-249-2	Sequence 2, Appli
1137	79.5	6.3	447	1	US-08-468-853-2	Sequence 2, Appli	1210	79	6.3	689	3	US-09-061-769A-2	Sequence 2, Appli
1138	79.5	6.3	447	1	US-08-468-855-2	Sequence 2, Appli	1211	79	6.3	702	4	US-09-812-283-2	Sequence 2, Appli
1139	79.5	6.3	447	1	US-08-310-357-2	Sequence 2, Appli	1212	79	6.3	702	4	US-09-949-016-7288	Sequence 7288, Ap
1140	79.5	6.3	447	1	US-08-468-852-2	Sequence 2, Appli	1213	79	6.3	1725	4	US-09-560-385A-10	Sequence 10, Appl
1141	79.5	6.3	447	2	US-08-468-857-2	Sequence 2, Appli	1214	79	6.3	1740	4	US-09-377-285B-40	Sequence 40, Appl
1142	79.5	6.3	449	4	US-09-912-935-34	Sequence 34, Appl	1215	78.5	6.2	1881	3	US-09-233-086-3	Sequence 3, Appli
1143	79.5	6.3	451	3	US-08-996-139-4	Sequence 4, Appli	1216	78.5	6.2	166	4	US-09-270-767-33652	Sequence 33652, A
1144	79.5	6.3	451	3	US-08-995-659-4	Sequence 4, Appli	1217	78.5	6.2	166	4	US-09-270-767-48869	Sequence 48869, A
1145	79.5	6.3	451	3	US-09-215-649A-4	Sequence 4, Appli	1218	78.5	6.2	177	4	US-09-621-976-3938	Sequence 3938, Ap
1146	79.5	6.3	451	3	US-09-577-780-4	Sequence 4, Appli	1219	78.5	6.2	209	4	US-09-685-166A-897	Sequence 897, App
1147	79.5	6.3	451	4	US-09-577-800-4	Sequence 4, Appli	1220	78.5	6.2	209	4	US-09-759-143-897	Sequence 897, App
1148	79.5	6.3	451	4	US-09-466-496-4	Sequence 4, Appli	1221	78.5	6.2	257	4	US-09-252-991A-32137	Sequence 32137, A
1149	79.5	6.3	451	4	US-09-871-856-4	Sequence 4, Appli	1222	78.5	6.2	264	5	PCT-US95-08925-4	Sequence 4, Appli
1150	79.5	6.3	451	4	US-09-871-291-4	Sequence 4, Appli	1223	78.5	6.2	264	5	PCT-US95-08925-4	Sequence 4, Appli
1151	79.5	6.3	451	4	US-09-877-650-4	Sequence 4, Appli	1224	78.5	6.2	343	4	US-09-949-016-6700	Sequence 6700, Ap
1152	79.5	6.3	451	4	US-09-865-363-4	Sequence 4, Appli	1225	78.5	6.2	343	4	US-09-270-767-44120	Sequence 44120, A
1153	79.5	6.3	451	4	US-09-688-459-4	Sequence 4, Appli	1226	78.5	6.2	406	4	US-09-949-016-10006	Sequence 10006, A
1154	79.5	6.3	453	6	5206152-7	Patent No. 5206152	1227	78.5	6.2	422	3	US-09-151-102-2	Sequence 2, Appli
1155	79.5	6.3	453	6	5206152-7	Patent No. 5206152	1228	78.5	6.2	422	3	US-08-929-846-2	Sequence 2, Appli
1156	79.5	6.3	478	5	PCT-US95-08493-15	Sequence 15, Appl	1229	78.5	6.2	572	6	5256770-7	Patent No. 5256770
1157	79.5	6.3	499	4	US-09-912-935-31	Sequence 31, Appl	1230	78.5	6.2	572	6	5256770-7	Patent No. 5256770
1158	79.5	6.3	521	2	US-08-682-847-4	Sequence 4, Appli	1231	78.5	6.2	620	1	US-08-325-071-65	Sequence 65, Appl
1159	79.5	6.3	529	4	US-09-912-935-28	Sequence 28, Appl	1232	78.5	6.2	620	3	US-08-461-004A-65	Sequence 65, Appl
1160	79.5	6.3	529	4	US-09-912-935-40	Sequence 40, Appl	1233	78.5	6.2	677	1	US-08-188-582-13	Sequence 13, Appl
1161	79.5	6.3	616	3	US-08-996-139-6	Sequence 6, Appli	1234	78.5	6.2	677	1	US-08-646-715-13	Sequence 13, Appl
1162	79.5	6.3	616	3	US-08-995-659-6	Sequence 6, Appli	1235	78.5	6.2	694	4	US-09-538-092-1164	Sequence 1164, Ap
1163	79.5	6.3	616	3	US-09-215-649A-6	Sequence 6, Appli	1236	78.5	6.2	694	4	US-09-949-016-8774	Sequence 8774, Ap
1164	79.5	6.3	616	4	US-09-577-800-6	Sequence 6, Appli	1237	78.5	6.2	694	4	US-09-949-016-8775	Sequence 8775, Ap
1165	79.5	6.3	616	4	US-09-577-800-6	Sequence 6, Appli	1238	78.5	6.2	711	4	US-09-949-016-8493	Sequence 8493, Ap
1166	79.5	6.3	616	4	US-09-466-496-6	Sequence 6, Appli	1239	78.5	6.2	846	4	US-09-902-540-15310	Sequence 15310, A
1167	79.5	6.3	616	4	US-09-871-856-6	Sequence 6, Appli	1240	78.5	6.2	868	1	US-08-374-834-1	Sequence 1, Appli
1168	79.5	6.3	616	4	US-09-871-291-6	Sequence 6, Appli	1241	78.5	6.2	868	2	US-08-644-271-1	Sequence 1, Appli
1169	79.5	6.3	616	4	US-09-877-650-6	Sequence 6, Appli	1242	78.5	6.2	868	2	US-09-077-955-1	Sequence 1, Appli
1170	79.5	6.3	616	4	US-09-865-363-6	Sequence 6, Appli	1243	78.5	6.2	868	2	US-09-077-955-1	Sequence 1, Appli
1171	79.5	6.3	616	4	US-09-949-016-6421	Sequence 6, Appli	1244	78.5	6.2	988	2	US-08-449-645A-20	Sequence 20, Appl
1172	79.5	6.3	616	4	US-09-688-459-6	Sequence 6, Appli	1245	78.5	6.2	988	2	US-08-702-367A-20	Sequence 20, Appl
1173	79.5	6.3	631	4	US-09-252-991A-20063	Sequence 20063, A	1246	78.5	6.2	988	2	US-08-449-645A-20	Sequence 20, Appl
1174	79.5	6.3	752	4	US-09-919-039-235	Sequence 235, App	1247	78.5	6.2	988	2	US-08-449-645A-20	Sequence 20, Appl
1175	79.5	6.3	852	2	US-09-070-060-3	Sequence 3, Appli	1248	78.5	6.2	988	2	US-08-449-645A-20	Sequence 20, Appl
1176	79.5	6.3	852	3	US-09-357-746-3	Sequence 3, Appli	1249	78.5	6.2	988	2	US-08-449-645A-20	Sequence 20, Appl
1177	79.5	6.3	860	5	PCT-US95-08493-19	Sequence 19, Appl	1250	78.5	6.2	988	2	US-08-449-645A-20	Sequence 20, Appl
1178	79.5	6.3	868	5	PCT-US95-08493-21	Sequence 21, Appl	1251	78.5	6.2	988	2	US-08-449-645A-20	Sequence 20, Appl
1179	79.5	6.3	1156	3	US-08-996-083-1	Sequence 1, Appli	1252	78.5	6.2	1064	1	US-08-537-210A-3	Sequence 3, Appli
1180	79.5	6.3	1156	3	US-09-429-516-1	Sequence 1, Appli	1253	78.5	6.2	1064	1	US-09-113-825-3	Sequence 3, Appli
1181	79.5	6.3	1156	3	US-09-429-516-3	Sequence 3, Appli	1254	78.5	6.2	1481	2	US-08-616-844-40	Sequence 40, Appl
1182	79.5	6.3	1156	3	US-09-902-540-15329	Sequence 15329, A	1255	78.5	6.2	1481	2	US-08-599-654-40	Sequence 40, Appl
1183	79.5	6.3	1196	1	US-08-144-121-4	Sequence 4, Appli	1256	78.5	6.2	1481	3	US-08-944-423A-40	Sequence 40, Appl
1184	79.5	6.3	1196	2	US-08-735-893-4	Sequence 4, Appli	1257	78.5	6.2	1481	3	US-08-944-496-40	Sequence 40, Appl
1185	79.5	6.3	1745	4	US-09-800-729-89	Sequence 89, Appl	1258	78.5	6.2	1816	4	US-09-561-818A-2	Sequence 2, Appli
1186	79.5	6.3	2813	3	US-08-896-449A-2	Sequence 2, Appli	1259	78.5	6.2	1824	4	US-09-561-818A-6	Sequence 6, Appli
1187	79.5	6.3	2813	3	US-09-132-652-2	Sequence 2, Appli	1260	78	6.2	41	6	5208144-24	Patent No. 5208144
1188	79.5	6.3	2813	4	US-09-886-900A-2	Sequence 2, Appli	1261	78	6.2	41	6	5208144-24	Patent No. 5208144
1189	79.5	6.3	2813	4	US-09-862-478C-2	Sequence 2, Appli	1262	78	6.2	148	4	US-09-252-991A-25505	Sequence 25505, A
1190	79	6.3	120	4	US-09-252-991A-32057	Sequence 32057, A	1263	78	6.2	160	3	US-09-191-647-5	Sequence 5, Appli
1191	79	6.3	209	4	US-09-059-625-87	Sequence 87, Appl	1264	78	6.2	160	3	US-09-540-245A-5	Sequence 5, Appli
1192	79	6.3	255	1	US-08-236-918A-8	Sequence 8, Appli	1265	78	6.2	160	3	US-09-540-153-5	Sequence 5, Appli
1193	79	6.3	255	2	US-08-816-605-9	Sequence 9, Appli	1266	78	6.2	221	2	US-08-480-229C-29	Sequence 29, Appl
1194	79	6.3	255	3	US-09-006-353A-11	Sequence 11, Appl	1267	78	6.2	221	2	US-08-659-235C-29	Sequence 29, Appl
1195	79	6.3	255	3	US-09-007-097-2	Sequence 2, Appli	1268	78	6.2	252	4	US-09-252-991A-25346	Sequence 25346, A
										274	3	US-09-188-930-336	Sequence 336, App

1269	78	6.2	274	4	US-09-312-283C-336	Sequence 336, App	1342	77.5	6.2	733	4	US-09-949-016-7651	Sequence 7651, Ap
1270	78	6.2	310	3	US-08-651-136C-22	Sequence 22, Appl	1343	77.5	6.2	807	1	US-09-294-663-4	Sequence 4, Appli
1271	78	6.2	310	3	US-09-229-911A-22	Sequence 22, Appl	1344	77.5	6.2	1147	1	US-08-144-121-3	Sequence 3, Appli
1272	78	6.2	321	4	US-09-270-767-33762	Sequence 33762, A	1345	77.5	6.2	1147	2	US-08-144-121-3	Sequence 3, Appli
1273	78	6.2	321	4	US-09-270-767-48979	Sequence 48979, A	1346	77.5	6.2	1165	1	US-08-144-121-2	Sequence 2, Appli
1274	78	6.2	321	4	US-09-914-259-34	Sequence 34, Appl	1347	77.5	6.2	1165	2	US-08-735-893-2	Sequence 2, Appli
1275	78	6.2	465	4	US-09-601-844B-2	Sequence 2, Appli	1348	77.5	6.2	1417	3	US-08-900-230-3	Sequence 3, Appli
1276	78	6.2	465	4	US-09-949-016-6516	Sequence 6516, Ap	1349	77	6.1	155	4	US-09-252-991A-17465	Sequence 17465, A
1277	78	6.2	480	2	US-08-480-229C-10	Sequence 10, Appl	1350	77	6.1	169	2	US-08-460-309-20	Sequence 20, Appl
1278	78	6.2	480	2	US-08-659-235C-10	Sequence 10, Appl	1351	77	6.1	169	2	US-08-125-077-20	Sequence 20, Appl
1279	78	6.2	605	3	US-09-063-950-5	Sequence 5, Appli	1352	77	6.1	172	4	US-09-252-991A-27578	Sequence 27578, A
1280	78	6.2	629	1	US-08-678-635B-6	Sequence 6, Appli	1353	77	6.1	179	4	US-09-252-991A-30404	Sequence 30404, A
1281	78	6.2	629	3	US-08-464-258B-6	Sequence 6, Appli	1354	77	6.1	192	4	US-07-757-022B-90	Sequence 90, Appl
1282	78	6.2	629	3	US-08-471-961-6	Sequence 6, Appli	1355	77	6.1	204	4	US-07-757-022B-92	Sequence 92, Appl
1283	78	6.2	629	3	US-09-345-109C-6	Sequence 6, Appli	1356	77	6.1	208	4	US-07-757-022B-132	Sequence 132, App
1284	78	6.2	758	4	US-09-302-540-16578	Sequence 16578, A	1357	77	6.1	209	4	US-07-757-022B-94	Sequence 94, Appl
1285	78	6.2	794	4	US-09-949-016-10746	Sequence 10746, A	1358	77	6.1	217	4	US-09-602-543-5	Sequence 5, Appli
1286	78	6.2	830	1	US-08-110-158-4	Sequence 4, Appli	1359	77	6.1	220	4	US-07-757-022B-96	Sequence 96, Appl
1287	78	6.2	871	3	US-09-245-041-19	Sequence 19, Appl	1360	77	6.1	231	4	US-07-757-022B-30	Sequence 30, Appl
1288	78	6.2	871	4	US-09-358-055B-19	Sequence 19, Appl	1361	77	6.1	235	4	US-09-602-543-4	Sequence 4, Appli
1289	78	6.2	871	4	US-09-393-238-19	Sequence 19, Appl	1362	77	6.1	235	6	5252556-3	Patent No. 5252556
1290	78	6.2	908	4	US-08-714-741-44	Sequence 44, Appl	1363	77	6.1	235	6	5252556-3	Patent No. 5252556
1291	78	6.2	954	2	US-08-749-169A-3	Sequence 3, Appli	1364	77	6.1	272	4	US-09-252-991A-27653	Sequence 27653, A
1292	78	6.2	954	2	US-09-130-032A-3	Sequence 3, Appli	1365	77	6.1	296	4	US-07-757-022B-70	Sequence 70, Appl
1293	78	6.2	954	4	US-09-866-028-7	Sequence 7, Appli	1366	77	6.1	317	3	US-09-383-586-20	Sequence 20, Appl
1294	78	6.2	954	4	US-09-944-457-7	Sequence 7, Appli	1367	77	6.1	317	4	US-09-823-038A-20	Sequence 20, Appl
1295	78	6.2	973	1	US-08-162-809-10	Sequence 10, Appl	1368	77	6.1	319	3	US-08-630-172-12	Sequence 12, Appl
1296	78	6.2	988	1	US-08-162-809-14	Sequence 14, Appl	1369	77	6.1	319	3	US-09-375-419-12	Sequence 12, Appl
1297	78	6.2	1277	3	US-08-937-236-6	Sequence 6, Appli	1370	77	6.1	327	4	US-09-252-991A-26846	Sequence 26846, A
1298	78	6.2	1292	3	US-08-569-214-5	Sequence 5, Appli	1371	77	6.1	330	4	US-09-270-767-44544	Sequence 44544, A
1299	78	6.2	1292	3	US-08-569-214-6	Sequence 6, Appli	1372	77	6.1	333	4	US-09-252-991A-19956	Sequence 19956, A
1300	78	6.2	1292	3	US-08-937-236-5	Sequence 5, Appli	1373	77	6.1	339	4	US-09-252-991A-25295	Sequence 25295, A
1301	78	6.2	1350	3	US-09-245-041-17	Sequence 17, Appl	1374	77	6.1	463	4	US-07-757-022B-54	Sequence 54, Appl
1302	78	6.2	1350	4	US-09-358-055B-17	Sequence 17, Appl	1375	77	6.1	627	4	US-08-487-596-6	Sequence 6, Appli
1303	78	6.2	1350	4	US-09-893-238-17	Sequence 17, Appl	1376	77	6.1	777	4	US-09-270-767-44409	Sequence 44409, A
1304	77.5	6.2	124	4	US-10-000-489-42	Sequence 42, Appl	1377	77	6.1	1140	4	US-07-757-022B-104	Sequence 104, App
1305	77.5	6.2	124	4	US-09-270-767-40195	Sequence 40195, A	1378	77	6.1	1404	4	US-07-757-022B-2	Sequence 2, Appli
1306	77.5	6.2	157	4	US-09-270-767-55411	Sequence 55411, A	1379	77	6.1	1404	4	US-07-757-022B-62	Sequence 62, Appl
1307	77.5	6.2	157	4	US-09-252-991A-25357	Sequence 25357, A	1380	77	6.1	1404	4	US-09-298-970A-1	Sequence 1, Appli
1308	77.5	6.2	166	4	US-09-252-991A-25975	Sequence 25975, A	1381	77	6.1	1523	3	US-09-182-024A-2	Sequence 2, Appli
1309	77.5	6.2	217	4	US-09-252-991A-25975	Sequence 25975, A	1382	76.5	6.1	32	6	5208144-17	Patent No. 5208144
1310	77.5	6.2	326	4	US-09-252-991A-17002	Sequence 17002, A	1383	76.5	6.1	32	6	5208144-17	Patent No. 5208144
1311	77.5	6.2	396	2	US-08-838-219B-9	Sequence 9, Appli	1384	76.5	6.1	38	6	5208144-26	Patent No. 5208144
1312	77.5	6.2	396	3	US-09-233-336A-9	Sequence 9, Appli	1385	76.5	6.1	38	6	5208144-26	Patent No. 5208144
1313	77.5	6.2	396	3	US-09-233-752A-9	Sequence 9, Appli	1386	76.5	6.1	112	3	US-08-882-907-13	Sequence 13, Appl
1314	77.5	6.2	396	3	US-09-402-036-9	Sequence 9, Appli	1387	76.5	6.1	112	4	US-10-032-658-13	Sequence 13, Appl
1315	77.5	6.2	396	4	US-09-304-226-9	Sequence 9, Appli	1388	76.5	6.1	139	2	US-08-219-237B-8	Sequence 8, Appli
1316	77.5	6.2	439	4	US-09-252-991A-21361	Sequence 21361, A	1389	76.5	6.1	155	4	US-09-252-991A-26947	Sequence 26947, A
1317	77.5	6.2	446	5	PCT-US95-16311-3	Sequence 3, Appli	1390	76.5	6.1	172	4	US-09-252-991A-20253	Sequence 20253, A
1318	77.5	6.2	446	5	PCT-US95-16311-3	Sequence 3, Appli	1391	76.5	6.1	207	4	US-09-579-845-10	Sequence 10, Appl
1319	77.5	6.2	467	4	US-09-252-991A-18296	Sequence 18296, A	1392	76.5	6.1	257	4	US-09-549-016-9200	Sequence 9200, Ap
1320	77.5	6.2	514	4	US-09-800-729-124	Sequence 124, App	1393	76.5	6.1	327	4	US-09-949-016-9201	Sequence 9201, Ap
1321	77.5	6.2	556	4	US-09-657-013-51	Sequence 51, Appl	1394	76.5	6.1	327	4	US-09-949-016-9201	Sequence 9202, Ap
1322	77.5	6.2	605	1	US-08-190-802A-49	Sequence 49, Appl	1395	76.5	6.1	327	4	US-09-949-016-9203	Sequence 9203, Ap
1323	77.5	6.2	605	3	US-08-477-346-49	Sequence 49, Appl	1396	76.5	6.1	327	4	US-09-949-016-9204	Sequence 9204, Ap
1324	77.5	6.2	605	3	US-08-473-089-49	Sequence 49, Appl	1397	76.5	6.1	327	4	US-09-949-016-9205	Sequence 9205, Ap
1325	77.5	6.2	605	4	US-08-487-072A-49	Sequence 49, Appl	1398	76.5	6.1	327	4	US-09-949-016-9206	Sequence 9206, Ap
1326	77.5	6.2	605	4	US-09-657-013-52	Sequence 52, Appl	1399	76.5	6.1	327	4	US-09-949-016-9206	Sequence 9206, Ap
1327	77.5	6.2	605	4	US-09-538-092-1087	Sequence 1087, Ap	1400	76.5	6.1	328	4	US-09-252-991A-21969	Sequence 21969, A
1328	77.5	6.2	623	4	US-09-949-016-10995	Sequence 10995, A	1401	76.5	6.1	372	4	US-09-252-991A-20108	Sequence 20108, A
1329	77.5	6.2	630	3	US-09-079-431B-2	Sequence 2, Appli	1402	76.5	6.1	461	1	US-08-385-229-2	Sequence 2, Appli
1330	77.5	6.2	651	4	US-09-949-016-8866	Sequence 8866, Ap	1403	76.5	6.1	461	2	US-08-650-000-2	Sequence 2, Appli
1331	77.5	6.2	651	4	US-09-949-016-8867	Sequence 8867, Ap	1404	76.5	6.1	461	3	US-09-042-785A-7	Sequence 7, Appli
1332	77.5	6.2	651	4	US-09-949-016-8868	Sequence 8868, Ap	1405	76.5	6.1	461	3	US-09-477-347-3	Sequence 3, Appli
1333	77.5	6.2	651	4	US-09-949-016-8869	Sequence 8869, Ap	1406	76.5	6.1	461	3	US-09-006-353A-4	Sequence 4, Appli
1334	77.5	6.2	651	4	US-09-949-016-8870	Sequence 8870, Ap	1407	76.5	6.1	461	3	US-08-476-862-2	Sequence 2, Appli
1335	77.5	6.2	660	4	US-09-949-016-8876	Sequence 8876, Ap	1408	76.5	6.1	461	4	US-09-573-986-4	Sequence 4, Appli
1336	77.5	6.2	660	4	US-09-949-016-8877	Sequence 8877, Ap	1409	76.5	6.1	461	4	US-08-406-824A-2	Sequence 2, Appli
1337	77.5	6.2	660	4	US-09-949-016-8878	Sequence 8878, Ap	1410	76.5	6.1	461	4	US-09-800-909-2	Sequence 2, Appli
1338	77.5	6.2	660	4	US-09-949-016-8879	Sequence 8879, Ap	1411	76.5	6.1	461	4	US-09-758-124-2	Sequence 2, Appli
1339	77.5	6.2	660	4	US-09-949-016-8880	Sequence 8880, Ap	1412	76.5	6.1	461	4	US-09-800-908-3	Sequence 3, Appli
1340	77.5	6.2	705	4	US-10-006-011A-3	Sequence 3, Appli	1413	76.5	6.1	461	4	US-09-896-096A-17	Sequence 17, Appl
1341	77.5	6.2	732	1	US-08-317-522A-5	Sequence 5, Appli	1414	76.5	6.1	461	4	US-09-949-016-6019	Sequence 6019, Ap

; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-907-794A-127

Query Match 100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
Db 1 MSGGMAQVGAWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60

QY 61 CRTSGLCVPLTWRCRDRLDCSDGSEEECRIEPCTKGQCPPPPGLPCPTGTGSDCSGGT 120
Db 61 CRTSGLCVPLTWRCRDRLDCSDGSEEECRIEPCTKGQCPPPPGLPCPTGTGSDCSGGT 120

QY 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGPDPCDSSDELGCGTNEILPEGDATT 180
Db 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGPDPCDSSDELGCGTNEILPEGDATT 180

QY 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSSAGDQSGSPATY 229
Db 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSSAGDQSGSPATY 229

RESULT 2
US-09-905-125A-127
; Sequence 127, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumae, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-125A-127

Query Match 100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
Db 1 MSGGMAQVGAWRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60

QY 61 CRTSGLCVPLTWRCRDRLDCSDGSEEECRIEPCTKGQCPPPPGLPCPTGTGSDCSGGT 120
Db 61 CRTSGLCVPLTWRCRDRLDCSDGSEEECRIEPCTKGQCPPPPGLPCPTGTGSDCSGGT 120

QY 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGPDPCDSSDELGCGTNEILPEGDATT 180
Db 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGPDPCDSSDELGCGTNEILPEGDATT 180

QY 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSSAGDQSGSPATY 229
Db 181 MGPPVTLESVTSURNATTMGPPVTLESVPSVGNATSSSAGDQSGSPATY 229

RESULT 3
US-09-902-775A-127
; Sequence 127, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi

```
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902.775A
; PRIOR FILING DATE: 2001-07-10
; PRIOR FILING DATE: 2000-02-22 PCT/US00/04414
; PRIOR FILING DATE: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR FILING DATE: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR FILING DATE: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR FILING DATE: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR FILING DATE: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR FILING DATE: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR FILING DATE: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR FILING DATE: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR FILING DATE: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR FILING DATE: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR FILING DATE: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR FILING DATE: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR FILING DATE: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR FILING DATE: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR FILING DATE: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-902-775A-127

Query Match 100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

RESULT 4

US-09-906-700-127

; Sequence 127, Application US/09906700

; Patent No. 6723535

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Grimaldi, A.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kijavlin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: 10466-14

; CURRENT APPLICATION NUMBER: US/09/906,700

; PRIOR FILING DATE: 2000-09-18

; PRIOR FILING DATE: PCT/US00/04414

; PRIOR FILING DATE: 2000-02-22

; PRIOR FILING DATE: US 60/143,048

; PRIOR FILING DATE: 1999-07-07

; PRIOR FILING DATE: US 60/145,698

; PRIOR FILING DATE: 1999-07-26

; PRIOR FILING DATE: US 60/146,222

; PRIOR FILING DATE: 1999-07-28

; PRIOR FILING DATE: PCT/US99/20594

; PRIOR FILING DATE: 1999-09-08

; PRIOR FILING DATE: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13

; PRIOR FILING DATE: PCT/US99/21090

; PRIOR FILING DATE: 1999-09-15

; PRIOR FILING DATE: PCT/US99/21547

; PRIOR FILING DATE: 1999-09-15

; PRIOR FILING DATE: PCT/US99/23089

; PRIOR FILING DATE: 1999-10-05

; PRIOR FILING DATE: PCT/US99/28214

; PRIOR FILING DATE: 1999-11-29

; PRIOR FILING DATE: PCT/US99/28313

```
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-700-127

Query Match      100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWTGAAGLALALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
DB 1 MSGGMAQVGAWTGAAGLALALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
QY 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTKGQCPPPPGLPCPTGVSDCSGGT 120
DB 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTKGQCPPPPGLPCPTGVSDCSGGT 120
QY 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGHPDCPDSSDELGCGTNEILPEGDATT 180
DB 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHGHPDCPDSSDELGCGTNEILPEGDATT 180
QY 181 MGPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSSAGDQSGSPATY 229
DB 181 MGPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSSAGDQSGSPATY 229

RESULT 5
US-09-808-847-1
; Sequence 1, Application US/09808847
; Patent No. 6743898
; GENERAL INFORMATION:
; APPLICANT: Choi, Yong Sung
; APPLICANT: Li, Li
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES THAT SUPPRESS B-CELL GROWTH
; FILE REFERENCE: Alton Ochsner Medical Found.
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-808-847-1

Query Match      100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWTGAAGLALALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
DB 1 MSGGMAQVGAWTGAAGLALALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
QY 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTKGQCPPPPGLPCPTGVSDCSGGT 120
DB 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTKGQCPPPPGLPCPTGVSDCSGGT 120

RESULT 6
US-09-903-603A-127
; Sequence 127, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Faoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE.1618P2C12
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
```

; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-903-603A-127

Query Match 100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFQ 60
Db 1 MSGGMAQVGAWTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFQ 60

QY 61 CRTSGLCVPLTWCRDLDCSDGSDDEECRIEPTCKGQCPCPPGLPCPCCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWCRDLDCSDGSDDEECRIEPTCKGQCPCPPGLPCPCCTGVSDCSGGT 120

QY 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCCTNEILPEGDATT 180
Db 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCCTNEILPEGDATT 180

QY 181 MGPPVTLESVTSLRNATMGPPVTLESVPSVGNATSSAGDQSGSPAT 229
Db 181 MGPPVTLESVTSLRNATMGPPVTLESVPSVGNATSSAGDQSGSPAT 229

RESULT 7

US-09-904-920A-127
; Sequence 127, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10465-14
; CURRENT APPLICATION NUMBER: US/09/904, 920A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-904-920A-127

Query Match 100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFQ 60
Db 1 MSGGMAQVGAWTGALGLALLLLGLGLEAAASPLSTPTSAQAAGPSSGSCPPTKFQ 60

QY 61 CRTSGLCVPLTWCRDLDCSDGSDDEECRIEPTCKGQCPCPPGLPCPCCTGVSDCSGGT 120
Db 61 CRTSGLCVPLTWCRDLDCSDGSDDEECRIEPTCKGQCPCPPGLPCPCCTGVSDCSGGT 120

QY 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCCTNEILPEGDATT 180
Db 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCCTNEILPEGDATT 180

QY 181 MGPPVTLESVTSLRNATMGPPVTLESVPSVGNATSSAGDQSGSPAT 229
Db 181 MGPPVTLESVTSLRNATMGPPVTLESVPSVGNATSSAGDQSGSPAT 229

RESULT 8

US-09-909-064-127
; Sequence 127, Application US/09909064
; Patent No. 6818449
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,064
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20

Query Match 100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGNRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGSSGSCPTTKFQ 60
DB 1 MSGGMAQVGNRTGALGLALLLLGLGLEAAASPLSTPTSAQAAGSSGSCPTTKFQ 60
QY 61 CRTSGLCVPLTWCRDLDCSDGDEECRIEECTKGQCPCPPGLPCCTGVSDCSGCT 120
DB 61 CRTSGLCVPLTWCRDLDCSDGDEECRIEECTKGQCPCPPGLPCCTGVSDCSGCT 120
QY 121 DKKLNCRLACLAGELRCTLSDDCPLTWCRDGHPCDPSDELGCCTNEILPEGDATT 180

Db 121 DKKLNCRLACLAGELRCTLSDDCPLTWCRDGHPCDPSDELGCCTNEILPEGDATT 180
QY 181 MGPPVTLSTSLRNATTMGPPVTLSTSLRNATTSSSAGDSGSPAY 229
DB 181 MGPPVTLSTSLRNATTMGPPVTLSTSLRNATTSSSAGDSGSPAY 229

RESULT 9
US-09-905-381A-127
; Sequence 127, Application US/09905381A
; Patent No. 6818746
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,381A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20

```
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-381A-127

Query Match      100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWRTGALGALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
DB 1 MSGGMAQVGAWRTGALGALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60

QY 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTCKGQCPCPPPLPCPCCTGVSDCSGGT 120
DB 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTCKGQCPCPPPLPCPCCTGVSDCSGGT 120

QY 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHDPDPCDSSDELGCCTNEILLPEGDATT 180
DB 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHDPDPCDSSDELGCCTNEILLPEGDATT 180

QY 181 MGPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSAGDQSGSPATY 229
DB 181 MGPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSAGDQSGSPATY 229

RESULT 10
US-09-906-618-127
; Sequence 127, Application US/09906618
; Patent No. 6828146
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,618
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
```

```
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 127
; LENGTH: 282
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-618-127

Query Match      100.0%; Score 1260; DB 4; Length 282;
Best Local Similarity 100.0%; Pred. No. 1e-100;
Matches 229; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MSGGMAQVGAWRTGALGALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60
DB 1 MSGGMAQVGAWRTGALGALLLLGLGLGLEAAASPLSTPTSAQAAGPSSGSCPTTKFQ 60

QY 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTCKGQCPCPPPLPCPCCTGVSDCSGGT 120
DB 61 CRTSGLCVPLTWRCRDRLDCSDGSDDEECRIEPTCKGQCPCPPPLPCPCCTGVSDCSGGT 120

QY 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHDPDPCDSSDELGCCTNEILLPEGDATT 180
DB 121 DKKLNCRLACLAGELRCTLSDDCIPLTWRCDHDPDPCDSSDELGCCTNEILLPEGDATT 180

QY 181 MGPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSAGDQSGSPATY 229
DB 181 MGPPVTLESVTSLRNATTMGPPVTLESVPSVGNATSSAGDQSGSPATY 229

RESULT 11
US-09-148-545-147
; Sequence 147, Application US/09148545
; Patent No. 6590075
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 70 Human Secreted Proteins
; FILE REFERENCE: P2001P1
; CURRENT APPLICATION NUMBER: US/09/148,545
; CURRENT FILING DATE: 1998-09-04
; EARLIER APPLICATION NUMBER: PCT/US98/04482
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
```


EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,614
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,578
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,576
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/047,501
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,670
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/056,632
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,664
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,876
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,881
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,909
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,875
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,862
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,887
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,908
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/048,964
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/057,650
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 280
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 147
LENGTH: 132

Query Match 27.18; Score 342; DB 4; Length 132;
Best Local Similarity 54.48; Pred. No. 3.7e-22;
Matches 74; Conservative 7; Mismatches 41; Indels 14; Gaps 3;

Qy 1 MSGGMAQVGAWRTGALGLALLLLGLGLLEAAAS-----PLSTPTSAQAAGPSSGSCP 55
Db 1 MSGGMAQVGAWRTGALGLALLLLGLGLLEAPRPRPRPRP-----HPSSGSCP 54
Qy 56 PTKPQCRTSGLCVPLTWRCDDRLDCSDGDEEBCRIEPCQKQCPCPPPLPCPCTGVSD 115
Db 55 PTKPQCRTSGLCVPLTWRCDDRTWTAAAMARRSAGLSHVPRKGNHRLASAPAPASVT 114
Qy 116 CSGTDDKLRNCSRLA 131
Db 115 ALG----ELTRNCATAA 127

RESULT 12
US-09-949-016-9528
Sequence 9528, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: C000307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 9528
LENGTH: 904
TYPE: PRT
ORGANISM: Human
US-09-949-016-9528

Query Match 23.58; Score 296.5; DB 4; Length 904;
Best Local Similarity 37.68; Pred. No. 2.8e-17;
Matches 68; Conservative 15; Mismatches 75; Indels 23; Gaps 7;

Qy 3 GGMMAQVGAWRTGALGLALLLLGLGLLEAAASPLSTPTSAQAAGPS-SGSCPTTKPQC 61
Db 23 GGGTIOAGTWTGSAL-WALLLLAL-----CWAPRESGATGTGRKAKCEPSQFQC 71
Qy 62 RTSGLCVPLTWRCDDRLDCSDGDEEBCRIEPCQ-----KGQCPPLPGLPCPCTGVSD 115
Db 72 -TNGRCITLLWKCDGDEDCVDGSDKCNVKTKCAESDFVCNNGQCVFS---RWKCDGDPD 127
Qy 116 CSGTDDKLRNCSRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCCTNLTLP 174
Db 128 CEGSDSPCEQCHWRTCTRIHISGHAHSTOCIPVSWRCDEGDCSDGDEEBCNITCSP 187
Qy 175 E 175
Db 188 D 188

RESULT 13
US-08-393-734-2
Sequence 2, Application US/08393734
Patent No. 5652224
GENERAL INFORMATION:
APPLICANT: Wilson, James M.
APPLICANT: Kozarsky, Karen F.
APPLICANT: Strauss, Jerome F.
TITLE OF INVENTION: Methods and Compositions for Gene
Therapy for the Treatment of Defects in Lipoprotein
Metabolism
TITLE OF INVENTION: Metabolism
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Howson and Howson
STREET: Spring House Corporate Cntr., PO Box 457
CITY: Spring House
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/393,734
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: UPNH1254USA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9200
TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 873 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-393-734-2

```

Query Match      22.0%; Score 277.5; DB 1; Length 873;
Best Local Similarity 37.1%; Pred. No. 1.2e-15;
Matches 63; Conservative 16; Mismatches 68; Indels 23; Gaps 7;

QY 14 TGAAGLALLLGLGLGLEAAASPLSTPTSAQAAGPS-SGSCPPTKFCQRTSGLCVPLTW 72
Db 3 TSAL-WAWLLAL-----CWAPRESGATGTRKAKCEPSQFC-TNGRCITLLW 50

QY 73 RCDRLDCSDGSDSEECRIEPCQ-----KGQCPPLPGLPCECTGVSDCGTDXKLRLN 126
Db 51 KCDGDBDCVDSDEKNCVKTKCAESDFVCNNGQCVPS---RWKCDGDPDCDGSDESPEQ 107

QY 127 CSRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCCTNEILPE 175
Db 108 CHMRTCRIHEISGAHSTQCIPVSWRCNDGENDCDSGEDEENCGNITCSPD 157

RESULT 14
US-08-894-489-2
; Sequence 2, Application US/08894489
; Patent No. 6174527
; GENERAL INFORMATION:
; APPLICANT: Wilson, James M.
; APPLICANT: Kozarsky, Karen F.
; APPLICANT: Straus, Jerome F.
; TITLE OF INVENTION: Methods and Compositions for Gene
; TITLE OF INVENTION: Therapy for the treatment of Defects in Lipoprotein
; TITLE OF INVENTION: Metabolism
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr., PO Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19477
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,489
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/393,734
; FILING DATE: 24-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: GNVN.009CIPUSA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 873 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-894-489-2

Query Match      22.0%; Score 277.5; DB 3; Length 873;
Best Local Similarity 37.1%; Pred. No. 1.2e-15;
Matches 63; Conservative 16; Mismatches 68; Indels 23; Gaps 7;

QY 14 TGAAGLALLLGLGLGLEAAASPLSTPTSAQAAGPS-SGSCPPTKFCQRTSGLCVPLTW 72
Db 3 TSAL-WAWLLAL-----CWAPRESGATGTRKAKCEPSQFC-TNGRCITLLW 50

QY 73 RCDRLDCSDGSDSEECRIEPCQ-----KGQCPPLPGLPCECTGVSDCGTDXKLRLN 126

```

```

Db 51 KCDGDBDCVDSDEKNCVKTKCAESDFVCNNGQCVPS---RWKCDGDPDCDGSDESPEQ 107
QY 127 CSRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELGCCTNEILPE 175
Db 108 CHMRTCRIHEISGAHSTQCIPVSWRCNDGENDCDSGEDEENCGNITCSPD 157

RESULT 15
US-08-149-103-3
; Sequence 3, Application US/08149103
; Patent No. 5750367
; GENERAL INFORMATION:
; APPLICANT: Lawrence C. B. Chan
; TITLE OF INVENTION: HUMAN AND MOUSE VERY LOW
; TITLE OF INVENTION: DENSITY LIPOPROTEIN RECEPTORS
; TITLE OF INVENTION: AND METHODS FOR USE OF SUCH
; TITLE OF INVENTION: RECEPTORS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/149,103
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 204/052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 846 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-149-103-3

Query Match      21.7%; Score 273.5; DB 1; Length 846;
Best Local Similarity 40.3%; Pred. No. 2.5e-15;
Matches 52; Conservative 14; Mismatches 52; Indels 11; Gaps 4;

QY 54 CPPTKFCQRTSGLCVPLTWRCDRDLDCSDGSDSEECRIEPCQ-----KGQCPPLPGLP 107
Db 6 CFPSPQFC-TNGRCITLLWKCDGDEDCVDSDEKNCVKTKCAESDFVCNNGQCVPS---R 61

QY 108 CFCCTGVSDCGTDXKLRLNCSRLACLAGELRCTLSDDCIPLTWRCDGHPDCPDSSDELG 166
Db 62 WKCDGDPDCDGSDESPEQCHMRTCRIHEISGAHSTQCIPVSWRCNDGENDCDSGEDEEN 121

QY 167 CGTNEILPE 175
Db 122 CGNITCSPD 130

Search completed: June 29, 2005, 11:26:37

```

Job time : 25.3796 secs

This Page Blank (uspio)